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FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC (1)
DEC 81

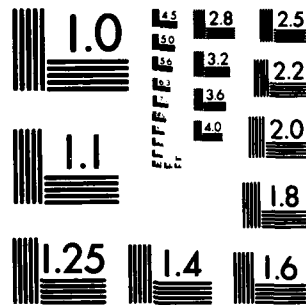
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MICROCOPY RESOLUTION TEST CHART
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DTIC ACCESSION NUMBER

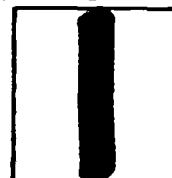
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**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

FORBES FLD KS WBAN # 13920
N 38 57 W 095 40 FLD ELEV 1064 FT FOE WMO #

PARTS A - F
POR FORM HOURLY OBS: JAN 63 - DEC 70, MAY 73 - APR 75

PCR FROM DAILY OBS: OCT 42 - JUN 47, DEC 47 - DEC 49,
FEB 52 - AUG 73, OCT 73 - MAR 78

TIME CONVERSION GMT TO LST: -6

DEC 23 1981

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
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WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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FCE 81 149

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 82/008	2. GOVT ACCESSION NO. AD-A113 226	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Forbes Fld, KS		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
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18. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
19. SUPPLEMENTARY NOTES																	
20. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
21. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Forbes Fld, Kansas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
Kansas Forbes Fld, Kansas
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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AOE 750 140

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are recorded on these forms at hourly intervals, and are reported at hourly intervals.

DAILY OBSERVATIONS

Daily observations are recorded on these forms at hourly intervals, and are reported at hourly intervals. The forms are used to record observations at hourly intervals, and are reported at hourly intervals.

DESCRIPTION OF SUMMARIES

Summary of observations is recorded on these forms at hourly intervals, and are reported at hourly intervals. The forms are used to record observations at hourly intervals, and are reported at hourly intervals.

Summary of observations is recorded on these forms at hourly intervals, and are reported at hourly intervals.

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

Summary of observations is recorded on these forms at hourly intervals, and are reported at hourly intervals. The forms are used to record observations at hourly intervals, and are reported at hourly intervals.

MISSING HOUR GROUPS

Summary of observations is recorded on these forms at hourly intervals, and are reported at hourly intervals. The forms are used to record observations at hourly intervals, and are reported at hourly intervals.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WHO NUMBER	
13920		Topeka Kansas/Forbes Fld		N 38 57		W 095 40		1064 ft		FOE			
LST/ + 6 hr gmt													
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	MT. BARO.					
1	Topeka Fld, Kansas	AAF	Sep 42	Jun 47	N 38 57	W 095 40	1061	1064	24				
2	Same	Same	Dec 47	May 48	Same	Same	Same	Same	24				
3	Forbes AFB, Kansas	AFB	Jun 48	May 49	Same	Same	Same	Same	24				
4	Same	Same	Jun 49	Dec 49	Same	Same	1088	1078	24				
5	Same	Same	Mar 51	Mar 51	Same	Same	Same	Same	24				
6	Same	Same	Jan 52	Feb 53	Same	Same	Same	Same	24				
7	Same	Same	Mar 53	Feb 56	Same	Same	Same	1066	24				
8	Same	Same	Mar 56	Feb 58	Same	Same	Same	1106	24				
9	Same	Same	Mar 58	May 61	Same	Same	Same	1091	24				
10	Same	Same	Apr 61	Feb 64	Same	Same	Same	1064	24				
11	Same	Same	Mar 64	Feb 69	Same	Same	1064	Same	24				
12	Same	Same	Mar 69	Dec 72	Same	Same	Same	1083	24				
	Same	Same	Jan 73	May 75	Same	Same	1074		24				
	Same	Same	May 75	26 Oct 76	Same	Same	Same		14-17				
	Same	Same	26 Oct 76	31 May 78	Same	Same	1064		17				
Forbes AFB, KS Closed Apr 01, 1978													
	Topeka Ks/Forbes Fld	SAWRS	Feb 77	Apr 78	N 3857	W 09540	1064	1107	13-17				
	Same	Same	Apr 78	Jan 79	Same	Same	Same	Same	17				
	Same	Same	Jan 79	Jul 79	Same	Same	Same	Same	14-17				
	FAA assumed taking obs	LAWRS	Jul 79	Aug 80	Same	Same	Same	Same	24				
	Same	Same	Aug 80	Aug 81	Same	Same	Same	Same	24				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Sep 42to Jan 48	Not Available.	Selsyn	ML-144	N/A								
2	Feb 48to Dec 49	Located on NE corner of Bldg 619.	Same	Same	55 ft								
3	Mar 51to Mar 51	Located on top of Weather Station.	SCM-20A	N/A	60 ft								
4	Jan 52to Feb 54	Same	Same	N/A	Same								
5	Mar 54to Apr 55	Located on top of Hangar.	AN/GMQ-1	ML-204	55 ft								
6	May 55to Feb 57	Located in middle of Hangar #4.	Same	Same	40 ft								

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 57 to Feb 59	1. Located in middle of Hangar Bldg T-619. 2. Located at intersection of Rnwys.	AN/GMQ-1	ML-204	70 ft	
8	Mar 58 to Feb 59	Located 600 ft E of Control Tower.	AN/GMQ-1	RO-2	13 ft	
9	Feb 59 to Feb 60	Located 150 ft E of Control Tower.	Same	Same	Same	
10	Mar 60 to Jul 61	Located 250 ft E of Control Tower.	Same	Same	Same	
11	Aug 61 to Feb 63	Located 550 ft ESE of ROS9 Bldg 694.	Same	Same	Same	
12	Mar 63 to Feb 64	1. Located 550 ft ESE of ROS (Bldg 694). 2. Located 500 ft E of centerline of Rnwy 31, opposite touch down point.	Same	Same	Same	
13	Mar 64 to Feb 69	1. Located 500 ft E of centerline Rnwy 13, opposite touch down point. 2. Located 500 ft W of centerline Rnwy 31, opposite touch down point.	Same	Same	Same	
14	Mar 69 to Jun 70	1. Rnwy 13:1000 ft from end, 500 ft from centerline. 2. Rnwy 31:1500 ft from end, 500 ft from centerline.	Same	RO-362	Same	
15	Jul 70 to Dec 72	1. Same 2. Same	AN/GMQ-20 Same	RO-362	Same Same	
	Jan 73 to Jan 77 Feb 77	Not available NW End of Rnwy	GMQ 20/11	RO-362	11 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

UNITED STATES AIR FORCE
 USAFETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 26 FORBES FLD KS

63-73, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-01	.1	5.5	1.3	6.6		12.9	10.6	1.0	1.2		12.3	930
	03-05	.1	4.4	1.8	6.7		11.9	11.7	.5	.5		12.5	930
	06-08		4.3	2.3	6.8		13.1	14.8	2.5	.9		17.2	930
	09-11		4.0	2.0	5.3		13.0	18.6	5.7	1.6		23.5	930
	12-14		2.8	1.8	6.7		10.9	13.5	4.4	1.5		18.0	930
	15-17	.1	3.4	2.3	4.9		10.0	10.3	4.1	1.2		14.4	930
	18-20	.3	4.7	1.6	5.7		11.5	11.8	2.0	.8		13.8	930
	21-23	.5	4.3	1.6	6.3		11.6	10.2	1.5	.9		11.9	930
TOTALS		.1	4.2	1.8	6.4		12.0	12.7	2.7	1.1		15.5	7440

U.S. AIR FORCE
 AIRCRAFT
 WEATHER SERVICE/TAC

WEATHER CONDITIONS

STATION AIRCRAFT NO.

63-70,74-75

FL.

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
7-11	10-12	.2	2.2	.9	6.3		9.7	10.2	.7			17.5	846
	13-15	.1	3.5	1.2	6.5		10.9	11.6	.8			12.4	846
	16-18		3.8	1.2	5.2		9.8	15.8	2.6	.4	.1	18.3	846
	19-21		4.5	1.1	4.6		9.8	18.7	4.4	.7	.4	22.3	846
	22-24		4.3		5.4		9.3	15.0	2.7	.4		16.7	846
	25-27		2.4	.6	4.6		6.4	10.3	2.5	.5		11.9	846
	28-30		3.2	.8	3.8		7.6	8.0	2.0	.6		10.4	845
	31-23	.1	2.4	.6	5.7		8.2	7.6	1.8			9.4	846
TOTALS		.1	3.5	.8	5.3		9.2	12.2	2.3	.3	.1	13.4	6767

U.S. AIR FORCE
CLIMATE DATA
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION: POWERS FLD MS YEARS: 63-70, 74-75 MONTH: MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	1-31	.6	4.0	.6	5.2		10.0	6.4	1.3	.6		7.6	929
	07-31	.6	3.7	.3	5.7		9.7	7.7	1.4	.6		8.2	930
	06-12	.4	4.5	.4	5.2	.1	9.8	15.4	2.4	.5		10.9	930
	09-11	.2	3.3	.5	4.0		7.5	11.2	2.9			13.4	930
	12-14	.2	3.8	.3	3.7		7.6	5.1	2.8	.3	.2	8.2	930
	15-17	.2	4.0	.3	3.2		8.2	4.3	3.2	.4	.3	8.2	930
	18-20	.9	5.5	.4	4.3		10.2	5.3	2.7	.3	.3	6.4	930
	21-23	.5	5.4	.6	4.1	.1	9.7	3.9	.6	.3	.1	4.4	930
TOTALS		.5	4.4	.4	4.4	.1	9.1	7.4	2.2	.4	.1	9.6	7439

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION 2 FORT BEN FLD MS STATION NAME 63-73,74-75 YEARS AFF MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-1	01-02	4.0	8.4		.8		9.1	7.4	.3			7.6	100
	03-05	3.4	10.3		1.2	.1	11.2	8.1	.7			8.7	900
	06-08	1.7	8.6		.8		9.1	16.0	2.9			17.6	910
	09-11	1.0	7.6		.7		8.2	9.6	3.3			11.2	900
	12-14	1.0	8.0		.7		6.6	5.7	3.0		.2	8.3	900
	15-17	2.1	7.6		.9		8.2	4.7	2.4	.2		7.2	900
	18-20	3.0	7.9		.8	.1	8.4	4.9	1.7	.4		6.6	897
	21-23	3.9	8.1	.1	.7		8.8	4.2	.3			4.6	897
TOTALS		2.5	8.1	.0	.8	.0	8.7	7.6	1.8	.1	.0	9.1	7194

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION 1 2 STATION NAME FIDRES FLD MS YEARS 63-72, 73-74 MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JY	10-30	4.4	7.3				7.3	4.2	.2			4.4	930
	31-31	4.5	6.1				3.1	7.5	1.1			6.2	930
	1-15	2.7	7.7				7.7	11.3	3.1			13.2	930
	16-31	1.7	6.7				6.7	5.3	2.2		.1	7.4	929
	12-14	1.9	6.2				6.2	3.7	2.3		.3	6.1	929
	15-17	2.4	6.6				6.6	2.5	1.5		.2	4.3	930
	18-20	3.4	5.7				5.7	2.8	1.5			4.1	930
	21-23	3.4	4.7				4.7	2.4				2.4	930
TOTALS		3.1	6.6				6.6	5.0	1.5		.1	6.2	7438

AL CLIMATOLOGY BRANCH
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION FORMER FLD KS STATION NAME 63-72, 73-74 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	0-12	6.9	6.1				8.1	2.9	.1			3.0	900
	13-24	7.4	9.1				9.0	6.2	1.9			7.6	900
	25-30	4.4	8.0				5.0	8.0	4.7			11.7	900
	31-11	2.3	7.4				7.4	4.3	1.9			6.2	900
	12-14	2.6	5.8				5.8	2.9	1.6			4.4	900
	15-17	2.0	4.2			.1	4.2	2.3	1.0			3.3	900
	18-20	5.9	7.7				7.2	2.3	.9			3.1	900
	21-23	6.7	5.7				6.7	1.4				1.4	900
TOTALS		4.7	7.1			.1	7.1	3.3	1.5			1.1	7200

D

AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION NAME

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	1-11	0.5	5.7				5.7	2.0	1.1			2.5	930
	12-20	0.7	3.4				6.4	5.7	1.7			6.7	930
	21-30	1.0	0.5				5.5	7.4	4.5			11.5	930
	1-11	0.5	2.7				2.7	1.5	4.0			5.3	930
	12-14	0.9	1.8				1.8	.5	2.2			2.7	930
	15-17	2.4	2.0				2.0	.3	.4			1.2	930
	18-20	2.2	1.5				1.5	1.0	1.0			1.7	930
	21-23	3.7	3.9				3.9	1.4	.6			1.4	930
TOTALS		3.2	3.3				3.9	2.5	2.0			4.0	7440

CLIMATE LOG
TAC
WEATHER SERVICE/KAC

WEATHER CONDITIONS

STATION POPPES FIELD KS STATION NAME 43-77, 73-74 YEARS AL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	01-01	3.0	6.2				6.2	4.7	2.0			5.4	929
	02-01	4.5	7.2				7.2	9.7	1.9			11.0	929
	03-01	4.3	7.3				9.8	13.4	3.2			24.1	930
	04-01	1.4	6.5				6.5	6.8	6.5		.1	12.6	930
	05-01	1.5	4.0				4.0	1.8	4.0			5.4	928
	06-01	2.7	4.1				4.1	1.3	3.2			4.4	929
	07-01	2.5	3.7				3.7	1.6	3.0			4.7	929
	08-01	3.3	4.2				4.2	1.6	1.6			2.9	928
TOTALS		3.0	5.7				5.7	5.8	3.8		.0	9.0	7432

WEATHER CONDITIONS

CLIMATE CLIMATOLOGY BRANCH
 AFSS/STAC
 AFSS WEATHER SERVICE/MAC

STATION FORBES FLD MS STATION NAME 63-72, 73-74 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
01-03	00-02	3.5	3.2				5.2	0.9	0.2			6.3	898
	04-06	3.1	9.1				9.1	12.2	0.4			12.4	898
	06-08	3.1	5.9				3.9	23.5	5.4			26.2	896
	09-11	2.4	8.9				3.3	9.6	5.2			14.2	899
	12-14	.3	7.6				7.6	4.9	2.9			7.8	900
	15-17	.8	5.7				5.7	3.6	2.0			5.6	895
	18-20	1.1	4.5				4.5	3.8	2.1			5.3	898
	21-23	3.2	7.2				7.2	4.3	0.3			4.7	898
TOTALS		2.3	7.5				7.5	8.6	2.3			10.5	7162

ALBUQUERQUE STATION
TAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION: ALBUQUERQUE STATION STATION NAME: 63-73, 73-74 YEARS: OCT MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
01	00-23	3.0	6.4				6.4	3.7	.2			7.3	929
	04-07	1.3	6.4				6.8	4.1	.3			4.4	929
	08-11	1.7	7.1		.1	.1	7.2	9.5	1.3			10.4	930
	12-15	.8	5.8		.1		5.8	7.6	1.1			8.5	930
	16-19	.4	6.6			.2	6.6	4.4	.9			4.9	930
	20-23	1.1	5.2				6.2	2.7	1.2			3.4	930
	01-04	1.7	5.7			.1	5.7	3.0	.8			3.8	930
	05-08	2.9	6.1				6.1	3.0				3.0	930
TOTALS		1.6	6.3		.2	.1	6.4	4.8	.7			5.4	7438

1. J. J. AL. CLIMATELOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

1. 2. FOWLES FLD KS 63-74, 73-74 434
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.7	5.3		1.1		6.1	3.3	.4			8.3	900
	03-05	.4	6.1		1.7		7.3	8.9	.1			7.1	900
	06-08		5.3	.1	1.2		6.7	13.9	2.1			15.4	999
	09-11	.1	6.8	.4	.3		8.0	12.9	2.6			15.2	900
	12-14	.3	6.3	.2	1.6		7.7	6.9	3.1	.2		10.1	900
	15-17	.4	6.5	.3	1.1		7.6	6.5	2.8	.1		9.1	849
	18-20	.4	6.0		1.6		7.2	6.2	1.0	.1		7.3	900
	21-23	.4	5.2	.1	1.3		6.6	5.4	.1			6.6	900
TOTALS		.3	5.9	.1	1.3		7.2	8.6	1.5	.1		10.0	7198

WEATHER CONDITIONS

U. S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/HAC

STATION FRAPES FLD KS STATION NAME 63-77, 73-74 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-07		6.7	1.3	6.5		13.3	10.6	.9	.6		11.9	930
	08-14	.1	5.6	1.2	6.7		12.9	10.2	1.2	.4		10.9	930
	05-11		4.4	1.7	7.6		13.4	14.5	1.9	.4		15.7	930
	09-12	.1	6.0	1.0	6.9		13.5	14.6	3.0	1.1	.1	16.3	930
	12-14	.2	5.2	1.1	5.5		11.4	11.5	2.3	.5		13.5	930
	15-17	.1	6.1	.5	4.6		11.0	10.9	2.3	.5		13.3	930
	18-20		5.7	.6	5.3		11.3	9.3	1.5	.5		10.9	927
	21-23	.1	6.2	1.4	6.4		13.5	11.8	1.3	.4		12.6	927
TOTALS		.1	5.6	1.1	6.2		12.5	11.7	1.8	.6	.0	13.3	7434

U.S. AIR FORCE CLIMATELOGY BRANCH
 AFM 7-10.5
 AIR WEATHER SERVICE/440

WEATHER CONDITIONS

1. STATION FOUNTAIN FIELD MS YEARS 65-72, 73-75 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.1	4.2	1.3	5.4		12.3	12.7	2.7	1.1		13.5	7440
FEB		.1	3.1	.3	5.3		9.2	12.2	2.3	.3	.1	13.4	6767
MAR		.5	4.4	.4	4.4	.0	9.1	7.4	2.2	.4	.1	9.0	7439
APR		2.5	6.1	.0	.6	.0	6.7	7.6	1.9	.1	.0	9.1	7194
MAY		3.1	6.6				6.6	5.0	1.5		.1	5.2	7438
JUN		4.8	7.1			.0	7.1	3.8	1.5			5.1	7200
JUL		3.2	3.7				3.9	2.5	2.0			4.2	7440
AUG		5.0	5.7				5.7	5.8	3.5		.0	9.0	7432
SEP		2.3	7.5				7.5	8.6	2.3			10.5	7162
OCT		1.6	6.3		.0	.1	6.4	4.8	.7			5.4	7438
NOV		.3	5.7	.1	1.3		7.2	5.6	1.5	.1		10.0	7198
DEC		.1	1.6	1.1	6.2		12.5	11.7	1.8	.6	.0	13.3	7434
TOTALS		1.8	5.7	.4	2.0	.0	8.0	7.6	2.0	.2	.0	9.3	87402

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
		.2	1.0	.0	.0		1.0	1.0	1.0	.0		1.0	2
		.1	2.0	.0	1.0	.0	1.0	7.0	1.0	2.0	.1	1.0	17
		.2	1.0	1.0	1.0	1.0	4.0	4.0	1.0	2.0	.1	1.0	11
		17.0	44.0	.1	1.0	2.0	4.0	.0	1.0	.0	.0	71.0	97
		11.0	10.0			1.0	41.0	1.0	11.0		.1	2.0	12
		11.0	4.0			1.0	41.0	1.0	1.0		.1	2.0	19
		11.0	17.0			.0	14.0	1.0	1.0			1.0	20
		1.0	4.0			.0	12.0	2.0	1.0			1.0	17
		1.0	10.0			.0	11.0	1.0	1.0		.1	1.0	14
		.7	.0		.0	.0	2.0	10.0	.0			1.0	19
		1.5	1.0	.0	1.0	.0	27.0	1.0	1.0	1.0	.0	1.0	17
		1.0	11.0	.0	1.0	.0	27.0	14.0	14.0	2.0		1.0	11
TOTALS		1.1	10.1	1.1	.7	.0	36.1	1.7	11.4	1.0	.1	71.1	179

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800IST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWS)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN		1.		1.3	1.7	4.4	7.	1.0	0.4	0.1				1.8	1002	1.13	1.15	.01
FEB				1.2	1.7	4.6	7.1	2.7						1.8	954	1.07	1.10	.03
MAR	4.4	1.7	1.1	1.1	1.1	4.4	7.	3.7	1.0					1.8	1002	1.45	1.05	.17
APR	1.1	1.1	1.1	1.1	1.1	1.4	5.1	4.7	1.0	0.4				1.7	950	1.47	1.5	.08
MAY			1.1		1.4	1.4	5.1	1.7	1.7	0.1				1.1	1002	1.21	1.1	.01
JUN	4.4	1.1	1.1	1.7		1.1	8.	1.1	4.					1.1	950	1.07	1.14	1.14
JUL	1.1	1.1	1.1	1.1	1.1	1.7	4.7	4.1	1.1	0.7				1.1	951	1.30	1.12	.01
AUG	4.4	1.1	1.1	1.7	1.1	1.4	7.	1.1	1.1	0.1				1.1	950	1.35	1.14	.24
SEP	1.1	1.1	1.1	1.7	1.7	4.7	7.1	4.1	1.1	0.1				1.1	950	1.15	1.7	.06
OCT		1.1	1.1	1.1	1.1	1.1	2.1	1.1	1.1	0.1				1.1	1002	1.06	1.77	.04
NOV	1.1	1.1	1.1	1.1		4.1	7.1	2.1		0.1				1.1	950	1.01	1.12	.01
DEC	1.1	1.1	1.1	4.4	1.1	4.1	7.	1.1	1.1	0.1				1.1	1002	1.05	1.13	.04
ANNUAL		1.1	1.1	4.7		1.1	3.7	3.1	2.1	0.1				1.1	1175	1.12		

GENERAL CLIMATE INFORMATION
 STATION
 ALL DATA TO BE OBSERVED

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

42-49, 52-73

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1													
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100													
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

EXTREME VALUES

FROM DAILY OBSERVATIONS

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOT * (ASST. CH. LSS. TRA. FULL MONT. S)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

CLIMATE DIVISION
 WASHINGTON
 AIRCRAFT SERVICE/AC

EXTREME VALUES MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

11-22-71 11-22-71 11-22-71
 STATION STATION NAME

42-49, 52-71
 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1													
2													
3													
4													
5													
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100													
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION	STATION NAME
122	125 700 40

42-42, 52-74 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE: * I AGED ON LIPS THAT FELL "MONTISI"

USAF ETAC FORM JUL 64 0-88-5 (OL A)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 46-4 66-78 STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	1.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
FEB	1.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
MAR	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
APR	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
MAY	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
JUN	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
JUL	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
AUG	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
SEP	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
OCT	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
NOV	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
DEC	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	11.	928	7.4	16.0	.3
ANNUAL	7.	17.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	3.1	12752	27.2		

1. NAME OF STATION
 2. LOCATION
 3. STATE - COUNTY - FIPS NO.

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

1. YEAR 1946-47, 54-55
 STATION 46-45, 54-71
 STATION NAME YEARS

2. NO. 1 AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4	1.0	2.0	.3	.3	.3*	.0	.0	.0	.0	.0	TRACE	.3	2.0
47	.0	.0	.0	.0	.3*	.0	.0	.0	.0	.0	.1	4.2	12.2
48	1.0	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.3
49	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	5.3
50	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	4.2	3.5	5.1
51	.0	TRACE	1.1	.2	TRACE	.0	.0	.0	.0	.0	5.1	4.0	2.0
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	5.3
53	.0	4.0	1.3	.0	.0	.0	.0	.0	.0	.0	1.2	2.4	6.4
54	.0	2.0	2.4	2.0	.0	.0	.0	.0	.0	.0	.1	2.7	3.9
55	.0	2.5	3.9	1.2	.0	.0	.0	.0	.0	.3	TRACE	1.0	5.1
56	.0	1.4	1.0	.0	.0	.0	.0	.0	.0	.0	5.0	3.7	6.3
57	.0	.0	3.4	6.0	.0	.0	.0	.0	.0	.0	1.0	.1	9.4
58	.0	6.7	9.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	3.7
59	.0	1.9	2.9	3.7	.0	.0	.0	.0	.0	.0	.4	2.3	3.7
60	.0	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.7
61	2.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	2.7
62	1.0	1.9	2.2	.0	.0	.0	.0	.0	.0	.0	1.0	1.6	2.3
63	.0	6.5	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	6.3
64	.0	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.3	5.0
65	.0	2.0	.9	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0	3.0
66	.0	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.1	2.5
67	.0*	1.9	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	5.0
68	1.0	.3	5.0	4.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0	9.3
69	.0	9.0	2.7	.0	.0	.0	.0	.0	.0	.0*	2.0*	.1	2.1
70	.0*	2.1*	.5	TRACE	.0	.0	.0	.0	.0	.0	1.9	1.1	* 2.1
71	3.0	1.2	.0	1.0	.0	.0	.0*	.0	.0	.0	TRACE	7.0	3.6
72	3.0*	.6	1.0	1.0*	.0	.0	.0	.0	.0	.0	TRACE	TRACE	* 1.0
73	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.6*	1.0	* 1.0
74	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.9	TRACE	1.2	1.9
75	2.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.7
MEAN													
S D													
TOTAL OBS													

NOTE * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM JUL 64 0-88-5 (OL A)

A1. MATH R SC-VIC1/AC

SAC FALL

YEARS

[illegible]

NOTE: * (AGED ON LESS THAN FULL MONTHS)

0-88-5 (OL A)

1. NAME OF STATION
2. LOCATION
3. DATE OF RECORD

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

1. STATION NO. 2. STATION NAME

46-49, 54-71

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4	1.7	0.0	.1	.0	.0*	.0	.0	.1	.0	.0	TRACE	.0	* 4.8
5	1.1	0.0	10.0	.0	.0*	.0	.0	.0	.0	.0	.0	5.0	
6	1.1	4.3	11.1	.0	.0	.0	.0	.0	.0	.0	.1	5.1	37.1
7	10.0	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	* 14.2
8	TRACE	14.0	TRACE	.0	.0	.0	.0	.0	.0	.0	5.1	5.0	
9	.7	TRACE	11.0	.0	TRACE	.0	.0	.0	.0	.0	5.1	5.0	25.2
10	.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	4.8
11	1.1	11.0	2.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	25.7
12	10.1	0.4	4.0	2.0	.0	.0	.0	.0	.0	.0	.1	3.0	29.6
13	0.3	2.5	4.0	1.7	.0	.0	.0	.0	.0	.0	TRACE	1.4	15.2
14	12.3	1.9	1.4	.0	.0	.0	.0	.0	.0	.0	5.4	6.0	27.8
15	1.1	.1	3.4	0.0	.0	.0	.0	.0	.0	.0	1.1	.1	25.8
16	0.0	20.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	54.9
17	.0	3.0	2.7	3.7	.0	.1	.0	.0	.0	.0	.4	6.4	17.1
18	1.2	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.9	12.3
19	1.0	TRACE	.1	.0	.0	.1	.0	.0	.0	.0	TRACE	2.0	7.3
20	.3	2.1	4.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.2	13.6
21	1.4	7.1	4.1	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	14.7
22	.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	11.4
23	1.0	3.3	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	13.0	19.9
24	4.7	5.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.4	11.1
25	1.4*	1.9	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	* 13.2
26	.0	.3	5.4	4.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.1	17.8
27	.0	12.0	5.3	.0	.0	.0	.0	.0	.0	.0*	5.0*	.1	* 21.6
28	.5*	4.7*	.5	TRACE	.0	.0	.0	.0	.0	.0	7.1	2.1	* 14.9
29	14.0	2.1	.0	1.3	.0	.0	.0*	.0	.0	.0	TRACE	5.6	
30	5.7*	.0	1.0	1.0*	.0	.0	.0	.0	.0	.0	TRACE*TRACE		* 8.5
31	1.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.7*	1.0	* 7.1
32	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.9	TRACE	1.2	* 4.1
33	0.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.1	TRACE	TRACE	8.2
MEAN													
S.D.													
TOTAL OBS													

NOTE: * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM JUL 64 0-88-5 (OL A)

EXTREME VALUES

FROM DAILY OBSERVATIONS

1-21-68 11:58 PM 20
STATION STATION NAME

46-49, 52-79 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

	MONTH												ALL MONTHS
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
7	.	17.3	0.6										
MEAN	5.37	3.96	4.18	.77	TRACE	.00	.00	.00	.00	.05	1.09	4.29	20.01
S D	4.702	4.963	5.64	1.831	.000	.000	.000	.000	.000	.395	2.182	3.395	17.010
TOTAL OBS	225	559	559	910	929	893	899	890	545	899	867	91	15771

NOTE: * BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION 12-41, 52-71 STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.7	1.	7.	7.0	4.	7.	3.							17.7	1071			
FEB	1.	15.4	1.5	8.9	1.7	2.	2.							17.7	1071			
MAR	1.7	7.1	1.1	1.0	1.7	1.1	1.0	.4						11.8	1053			
APR2	.	.	.							1.1	1000			
MAY	.0														101			
JUN	.0														40			
JUL	.0														42			
AUG	.0														42			
SEP	.0														42			
OCT	1.0														1072			
NOV	4.7	.4	1.0	.2	.7	.2	.7							2.0	991			
DEC	11.7	0.7	0.7	4.6	1.1	2.7	.7							1.0	1012			
ANNUAL	.0	1.7	1.3	1.5	.7	1.4	.	.4						6.0	11954			

ALPINE CLIMATOLOGY STATION
 1. METAC
 4. METAC 3. METAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

1. 12. STATION

42-48, 52-7

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
41													
42			1	4							TRACE		5
43		3	1										4
44	TRACE	3	1								1		3
45		1	1								TRACE		1
46		1											
47		4									TRACE		5
48		2	1										5
49		TRACE									1		7
50	TRACE	TRACE	7								3		7
51		8	TRACE										9
52		8									TRACE		9
53		3		1									5
54		4									1		1
55		11	24	TRACE							TRACE		24
56		4	1	1							TRACE		2
57		TRACE	TRACE	TRACE									8
58		TRACE	TRACE										3
59		1	1										3
60		6	2								2		6
61		1											5
62		2	1										5
63		5	2										5
64		5	2										5
65		TRACE	TRACE										6
66		11	4										11
67		3	1								3	TRACE	7
68		1											7
69		1		TRACE									7
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
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89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

EXTREME VALUES

2400 JEFFERSON

FROM DAILY OBSERVATIONS

1-2
STATION

FLAMES FLT MC
STATION NAME

42-48, 54-7 YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * BASED ON LOSS THAT FULL MONTHS)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

USAF ETAC
 STATION
 ALL DATA IS VALID

EXTREME VALUES

SURFACE WIND

FROM DAILY OBSERVATIONS

1-22 STATION NAME

41-42, 51-72

YEARS

DAILY PEAK WINDS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
41	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
42	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
43	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
44	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
45	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
46	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
47	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
48	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
49	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
50	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
51	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
52	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
53	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
54	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
55	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
56	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
57	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
58	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
59	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
60	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
61	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
62	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
63	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
64	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
65	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
66	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
67	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
68	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
69	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
70	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
71	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
72	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
73	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
74	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
75	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
76	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
77	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
78	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
79	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
80	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
81	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
82	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
83	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
84	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
85	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
86	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
87	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
88	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
89	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
90	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
91	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
92	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
93	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
94	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
95	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
96	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
97	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
98	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
99	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
100	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W	47W
MEAN	3.05	35.6	43.7	43.2	44.3	44.1	39.9	34.8	35.0	36.6	36.6	34.2	51.5
S D	0.671	0.261	0.042	0.342	7.545	0.588	9.111	6.894	6.614	5.862	4.970	6.550	4.176
TOTAL OBS	7	632	717	640	681	673	667	644	599	636	631	671	7845

NOT S * (40% OF LESS THAN FULL MONTHS)

USAF ETAC FORM 7-64 0-88-5 (OL A)

NOT S * (40% OF LESS THAN FULL MONTHS AND +100 KNOTS)

ALBANY METEOROLOGICAL BRANCH
 ALBANY, N.Y.
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FO-BES FLD KS STATION NAME 63-73, 74-75 YEARS JA
 MONTH 0000-0000
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-0000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.5	4.2	3.2	.6	.1						12.5	8.3
NNE	.2	1.1	1.6	.6	.2							4.3	7.8
NE	.5	.9	.5	.3	.1							2.4	6.7
ENE	.2	.6	.4									1.9	4.3
E	.9	1.9	.5	.2								3.5	5.1
ESE	.5	.4	.3	.2								1.5	5.6
SE	.4	1.5	1.2	.4								3.7	6.2
SSE	.3	1.6	.9	1.2								4.1	7.7
S	1.1	2.4	2.3	5.2	.3							11.6	9.7
SSW	.2	1.9	3.1	3.4	.9							10.2	9.6
SW	.9	1.9	1.5	.3								4.6	6.1
WSW	.5	.3	.4	.3								2.2	5.9
W	1.2	1.2	.2		.2							2.4	5.5
WNW	.3	.2	1.3	1.2		.1						4.2	8.3
NW	1.2	2.2	2.4	2.3								7.8	8.1
NNW	1.1	1.5	3.1	2.7	.3							6.7	9.2
VARBL													
CALM												14.5	
	12.7	24.1	24.0	21.4	3.1	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

U.S. NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24 FORBES FLD KS STATION NAME 63-74-75 YEARS JAN
 CLASS ALL WEATHER MONTH 000-0000
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.2	5.9	2.5	.4							13.4	6.3
NNE	.6	.5	1.6	1.1	.3							4.2	9.1
NE	.3	.5	.9	.2	.1							2.2	7.1
ENE	.2	.4	.8									1.5	6.0
E	.4	1.5	.9	.1								2.9	5.7
ESE	.2	.9	.5	.3								1.9	6.6
SE	1.7	2.3	.6	.3								4.7	4.8
SSE	.3	1.5	1.4	1.2								4.4	6.3
S	1.2	2.3	1.9	4.0	1.4	.1						11.4	10.1
SSW	.9	1.2	2.2	3.2	.2							8.3	9.7
SW	1.6	1.7	.6	.9								4.5	6.0
WSW	.5	.9	.5	.1								1.7	5.6
W	.2	1.3	.4	.1	.1							2.3	6.0
WNW	.4	.9	1.2	.5	.3							3.3	6.5
NW	1.0	2.7	2.6	1.7								8.0	7.5
NNW	1.0	2.4	3.7	2.7	.1							10.2	6.4
VARBL													
CALM												14.3	
	12.5	24.4	26.3	18.9	3.0	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 932

U.S. AIR FORCE
CLIMATE BRANCH
AFWPC/CLIMATE SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME FORMER FLD KS YEARS 63-73, 74-75 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 000-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	5.1	3.7	.3							12.7	8.9
NNE	.5	1.3	1.3	1.4	.2							4.7	9.5
NE	.5	.3	.9	.2								2.4	6.3
ENE	.5	.3	.3									1.4	4.9
E	.9	1.5	1.3	.2								4.0	5.5
ESE	1.4	1.2	1.1	.1								3.8	2.4
SE	1.5	2.5	1.2	.1								3.3	5.2
SSE	.6	1.1	2.2	1.2								5.1	7.7
S	1.0	1.9	3.3	3.0	1.9							11.2	10.4
SSW	.9	1.2	2.4	2.8	.2							7.3	9.4
SW	1.1	1.1	.2	.3	.1							2.8	5.4
WSW	.5	.9	.5									2.0	5.0
W	.5	1.2	.5									2.3	5.1
WNW	.5	.8	1.8	.6	.3							4.1	8.9
NW	1.2	2.0	3.2	2.3	.1							8.8	8.1
NNW	1.0	2.0	2.6	1.3	.2							7.1	7.7
VARBL													
CALM												15.2	
	14.2	22.2	27.8	17.2	3.4							100.1	6.7

TOTAL NUMBER OF OBSERVATIONS 931

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1002 STATION FORBES FLD KS STATION NAME 63-70, 74-75 YEARS MONTH JAN 1900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	3.4	3.3	.6							1.4	4.0
NNE	.7	1.7	2.6	1.5	.3							7.1	8.2
NE	.7	.5	1.0									1.2	6.3
ENE	.1	.6	.4									1.2	6.4
E	.7	1.5	1.1	.5								4.0	6.2
ESE	.7	.5	1.8	.1								3.1	7.0
SE	.2	1.6	2.2	.8	.1							4.5	8.2
SSE	.3	2.3	1.4	1.7	.5							6.2	9.3
S	.9	2.7	2.5	4.5	1.7	.2						11.0	11.2
SSW	.4	1.6	3.5	3.4	.5							9.6	10.0
SW	.0	.3	1.5	1.3	.1							4.5	6.7
WSW	1.7	.4	.8	.1								4.3	5.4
W	.7	1.2	.6	.3								2.0	5.6
WNW	.6	.5	1.0	1.1	.5	.1						3.9	9.2
NW	.2	.9	2.6	3.1	.4	.1						7.7	10.2
NNW	.4	1.7	3.1	4.1	.6							11.3	9.2
VARBL													
CALM												3.2	
	10.4	20.7	29.5	25.9	5.6	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 U.S. AIR FORCE
 WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FLD KS STATION NAME 63-70.74-75 YEARS JA
 MONTH 12-14
 CLASS ALL WEATHER
 HOURS [L.S.T.] 12-14
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	3.3	4.8	1.7	.1						11.3	11.3
NNE	.1	1.3	2.3	.6								4.9	7.2
NE	.5	1.1	1.2	.4								3.2	6.7
ENE	.1	.4	.2	.1								.9	6.4
E	1.5	1.7	1.3	.2								4.7	5.5
ESE	.2	.9	.5	.3								1.9	6.9
SE	.6	.5	1.0	.8								2.9	6.3
SSE	.4	1.1	2.3	1.7	.1							3.6	9.1
S	.5	1.0	3.0	5.9	1.8	.6						13.6	12.4
SSW	.2	1.1	3.4	3.2	.9							2.8	10.4
SW	.9	1.2	2.2	2.2	.5	.1		.1				7.8	10.0
WSW	.5	1.4	.5	.5	.1							3.1	7.3
W	.3	1.2	1.2	.4	.1							3.2	7.5
WNW	.3	.5	1.6	1.2	.8	.1						4.5	11.1
NW	.8	1.1	2.3	3.9	.5	.1						3.5	10.6
NNW	.2	1.1	2.9	4.6	.6							9.0	11.5
VARBL													
CALM												0.2	
	8.9	16.8	29.9	31.0	7.1	1.1		.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 102 FORBES FLD MS STATION NAME 63-70, 74-75 YEARS JAN MONTH 1963-1964 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	4.7	4.7	1.7		.1					18.5	10.5
NNE	.5	1.6	1.5	1.7								4.3	7.9
NE	.4	.9	.6	.1								2.0	5.9
ENE	.2	1.7	1.0	.4								2.6	7.7
E	.9	1.4	1.6	.1								4.4	5.9
ESE	.3	1.5	.8	.1								2.7	5.5
SE	.4	1.4	1.2	.5	.2							3.2	7.8
SSE	1.2	1.9	2.3	1.6	.1							6.9	7.9
S	.6	1.8	3.9	5.6	2.2	.1						14.1	11.3
SSW	.2	1.3	2.7	1.9	.3							6.5	9.4
SW	.3	1.2	1.8	1.8	.3	.1						2.6	9.9
WSW	.7	.6	1.2	1.0								2.1	6.3
W	.9	1.1	.6	.6								2.2	6.4
WNW	.5	.3	1.1	.5	.2	.2						3.7	10.4
NW	1.2	1.2	3.3	2.4	.3	.3						5.7	9.6
NNW	.2	1.4	3.4	3.7	.6	.2						9.6	10.9
VARBL													
CALM												4.7	
	2.2	21.1	31.7	25.7	6.5	1.2	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 920

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 20 FORBES FLD KS STATION NAME 63-70, 74-75 YEARS JAN MONTH 1800-2000 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	3.9	3.3	.2	.1						12.0	7.2
NNE	1.2	.7	2.2	1.0	.2	.1						2.5	8.2
NE	.4	.8	1.0	.1	.1							2.4	7.3
ENE	.2	1.0	.6	.4								2.8	8.0
E	1.0	1.4	.7									3.2	5.0
ESE	.2	1.3	.9									2.8	4.9
SE	2.0	3.1	1.4	.4								7.0	5.2
SSE	.1	2.2	2.3	1.4								5.9	8.1
S	1.1	3.7	2.4	3.8	.8	.1						11.7	9.3
SSW	.5	2.5	3.1	1.4	.1							7.6	7.7
SW	.9	1.8	1.1	.6		.2						4.6	7.0
WSW	.3	.6	.5	.2								2.2	5.4
W	1.2	1.6	.4									3.2	4.0
WNW	1.3	1.8	1.1	.4	.3	.1						5.1	7.1
NW	1.0	2.3	1.3	1.6	.3							6.5	7.9
NNW	1.1	1.4	1.3	1.8	.6	.2						6.5	9.5
VARB													
CALM												10.6	
	15.3	29.2	24.1	16.6	3.3	.9						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME FORBES FLD KS YEARS 63-70, 74-75 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 1,0-2,300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	4.6	3.7	.6							10.0	9.4
NNE	.8	1.7	1.9	.8								5.2	7.3
NE	.3	.6	.4	.4	.1							1.7	5.2
ENE	.4	.9	1.0									2.5	5.6
E	1.7	1.5	.6									3.1	4.8
ESE	.4	1.0	1.0	.3								2.7	6.8
SE	1.0	1.4	1.0	.4								3.3	6.1
SSE	1.2	1.7	1.6	1.8	.1							5.5	6.4
S	1.7	2.4	3.2	3.3	.9							11.9	9.2
SSW	.4	1.3	3.1	3.9	.4							10.3	9.7
SW	1.0	1.2	2.6	.6								6.1	6.6
WSW	.3	1.1	.5	.1								2.0	5.4
W	.4	.8	.8	.2								2.2	6.6
WNW	.9	1.0	1.1	.6	.3							3.8	6.2
NW	.5	2.7	2.8	1.1	.3							7.4	7.9
NNW	1.0	1.6	2.0	2.4	.4	.3						7.7	9.7
VARBL													
CALM												12.3	
	12.5	23.3	28.3	29.1	3.2	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FORBES FLD KC STATION NAME 63-71,74-75 YEARS JA
MONTH ALL
CLASS ALL WEATHER
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	4.4	3.5	.9	.5	.2					1.4	4.4
NNE	.8	1.3	1.9	1.0	.2	.0						.1	6.2
NE	.4	.8	.8	.2	.1							.3	6.7
ENE	.5	.6	.6	.1								.2	5.9
E	.9	1.6	1.0	.2								.7	5.5
ESE	.5	1.0	.5	.2								.6	6.1
SE	1.0	1.9	1.2	.5	.2							.5	5.3
SSE	.5	1.6	1.8	1.5	.1							.4	8.4
S	1.2	2.2	2.8	4.5	1.4	.1						1.1	10.5
SSW	.6	1.6	3.0	2.9	.4							.5	9.5
SW	.9	1.5	1.5	1.0	.1	.1		.0				.1	7.3
WSW	.6	.8	.6	.3	.2							.4	6.3
W	.7	1.1	.6	.2	.1							.7	5.9
WNW	.9	.8	1.3	.8	.4	.1						.1	9.2
NW	.9	1.9	2.6	2.3	.3	.1						.9	8.5
NNW	.3	1.7	2.8	2.9	.5	.1						.7	9.5
VARBL													
CALM												10.6	
	12.7	22.7	27.7	22.1	4.4	.5	.0	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7442

ALBANY CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 27 STATION FORTRES FLD KS STATION NAME 63-75, 74-75 YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.8	4.3	4.4	1.1	.5						12.5	9.2
NNE	.2	.5	1.2	.6								2.5	8.0
NE	.5	.2	.7	.5								2.2	7.3
ENE	.5	.8	.5	.4								2.1	5.1
E	.2	1.1	1.4	1.2	.1							4.7	7.8
ESE	.6	1.3	.7	.5								3.1	6.4
SE	.5	1.4	.4	.5								2.7	6.4
SSE	.6	.5	1.2	.6	.1							3.2	5.2
S	1.3	1.9	3.8	4.7	.8	.1						12.6	9.9
SSW	.5	1.7	2.8	3.1	.4	.1						5.6	9.5
SW	.5	1.2	.6	.5								2.7	6.7
WSW	1.3	1.7	.6									3.5	4.3
W	.9	1.5	.7	.1								2.2	5.2
WNW	1.2	.2	.7	.6								3.4	5.5
NW	1.7	2.6	1.5	.8	.1	.1						6.9	6.5
NNW	1.3	.2	1.1	1.6	.6	.4						6.2	9.1
VARBL													
CALM												15.4	
	15.0	23.0	22.1	20.1	3.2	1.2						120.2	6.9

TOTAL NUMBER OF OBSERVATIONS 846

U.S. AIR FORCE
 USAFETAC
 ALL-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 63-72.74-75 STATION NAME FORBES FLD KS YEARS 63-72, 74-75 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0700-0600
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	3.2	4.1	1.3	.5						13.5	7.9
NNE	.5	.7	1.4	.6								3.2	7.4
NE	.2	.4	.6	.5								1.7	6.1
ENE	.6	.1	.7	.4								1.3	7.4
E	.7	1.7	1.9	.9								2.2	7.2
ESE	.4	1.3	.6	.5								2.7	6.9
SE	.7	1.5	.4	.1	.1							3.1	5.5
SSE		1.7	.5	1.7								4.1	6.9
S	1.7	.7	3.7	3.8	.2	.2						12.3	7.5
SSW	.7	2.1	1.9	2.7	.2							7.7	9.0
SW	.9	.5	1.1	.5	.1							3.1	6.9
WSW	.5	.9	.5									1.3	4.8
W	.7	1.2	.9	.1								3.2	5.6
WNW	.6	1.5	2.0	.1								4.3	5.3
NW	2.2	3.4	1.4	.9	.1							3.7	5.2
NNW	1.1	2.7	2.1	3.2	.9	.6						10.2	10.0
VARBL													
CALM												15.0	
	14.4	22.0	23.2	21.1	3.1	1.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 945

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION EDDRES FLD KS STATION NAME 63-72,74-75 YEARS 63-72,74-75 MONTH 63-72,74-75
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 600-2300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	3.2	3.9	.8	.2	.1					1.4	4.6
NNE	.9	.9	1.8	.2		.1						.1	7.1
NE		.7	.4	.6								.4	9.3
ENE	.2	1.1	.5	.2								.4	6.7
E	.2	.9	.9	1.1								.5	7.5
ESE	1.1	1.7	.8	.7								.3	6.5
SE	.6	1.8	.6	.4								.3	6.1
SSE	.2	1.4	.6	1.5								.5	7.6
S	.9	1.5	4.4	2.5	.2							.6	4.0
SSW	.2	1.1	2.4	2.2	.4							.2	8.9
SW	1.5	1.5	.5	.4								.9	5.2
WSW	.7	.7		.1								.5	4.1
W	.7	1.5	.8									.1	5.1
WNW	1.2	1.7	1.3	.2								.4	5.2
NW	1.7	2.6	3.0	1.3	.8	.1						.5	6.5
NNW	1.4	2.4	2.7	3.0	1.5	.1						1.1	13.0
VARBL													
CALM												13.5	
	15.2	24.1	24.1	18.6	3.8	.6	.1					15.7	6.2

TOTAL NUMBER OF OBSERVATIONS 245

U. S. AIR FORCE METEOROLOGICAL BRANCH
 AFM 54-100
 AIR WEATHER SERVICE/4A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME FOREBLS FLD KS YEARS 63-73, 74-75 MONTH 10
 CLASS ALL WEATHER
 CONDITION 1900-1100
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	3.9	4.6	1.4	.1						13.1	10.4
NNE	1.1	.5	1.7	1.2	.4							4.7	5.8
NE	.4	.7	.9									2.2	6.1
ENE	.1	.5	.6	.6								1.3	8.3
E	.7	1.1	1.2	1.7								4.3	8.1
ESE	.4	1.1	1.4	.6								3.4	7.3
SE	.2	1.5	1.9	.9								4.3	7.6
SSE	.2	.7	1.5	1.7	.7	.2						4.3	1.4
S	.9	1.1	2.4	5.1	.6							1.2	1.3
SSW	.3	.3	1.3	2.8	1.1	.1						7.9	11.5
SW	.3	.7	1.5	1.4	.4	.1						4.7	9.3
WSW	.2	1.1	.9	.6								2.5	7.6
W	.2	1.4	1.7	.5								4.4	6.7
WNW	.2	.3	2.1	.8								4.2	8.2
NW	1.2	1.3	3.0	2.1	.6	.4						2.2	9.3
NNW	.7	1.3	4.0	4.7	2.2	.6						13.5	11.4
VARBL													
CALM												4.5	
	2.5	13.1	29.9	29.9	6.6	1.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PO BOX 500 MS STATION NAME PO BOX 500 MS YEARS 63-74-75 MONTH 12
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	3.7	5.9	1.7	.5						15.2	11.1
NNE	.5	2.2	1.8	.9	.7							5.6	9.7
NE	.2	.7	.5	.4								2.1	7.3
ENE	.6	.6	.2	.7								1.9	7.9
E	.2	.8	1.9	.8								3.9	8.1
ESE	.5	1.4	1.1	.4								3.3	6.6
SE	.2	.8	1.4	.7	.2							3.4	8.9
SSE	.1	.5	1.4	2.2	.4	.1						4.3	11.3
S	.4	1.7	2.0	4.5	1.7	.2						13.5	12.0
SSW	.7	.5	1.5	4.1	1.1	.1						9.2	11.9
SW	.1	.5	1.8	1.3	.7	.2						4.7	11.3
WSW	.2	.4	1.1	.5	.1							2.2	8.5
W	.6	1.1	2.1	.5								4.3	7.4
WNW	.2	.5	1.8	1.5	.1							4.1	9.7
NW	.4	1.3	3.1	3.7	1.2	.6						10.2	11.7
NNW	.5	1.3	3.2	5.1	1.4	1.1						12.9	11.0
VARBL													
CALM												2.3	
	5.7	16.7	28.8	33.2	8.7	3.0						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 346

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
41 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FWBES FLD KS STATION NAME 62-70, 74-75 YEARS 62-70, 74-75 MONTH 62-70
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	4.5	5.2	1.2	.2						10.2	1.6
NNE	.7	1.3	2.1	1.4	.2							3.8	4.5
NE	.7	1.1	1.1	.5								3.3	6.5
ENE		1.1	.5	.5								2.2	7.9
E	.5	.8	1.3	1.1								3.7	8.1
ESE	.4	.4	.8	.6								2.1	8.4
SE	.6	.9	1.8	1.2		.2						4.6	9.3
SSE	.2	.2	1.7	1.2	.1							3.4	9.6
S	.5	1.9	3.1	3.3	1.3	.4						10.3	10.9
SSW		1.4	1.3	2.7	1.1							8.5	11.2
SW	.2	.6	1.3	2.8	.8	.1						7.2	12.0
WSW	.4	.6	1.7	.6	.1							3.3	3.4
W	.2	.7	2.1	1.2								4.3	8.7
WNW	.1	1.2	1.9	.9								5.1	8.7
NW	.6	1.5	3.1	3.0	1.3	.4						7.8	11.0
NNW	.4	.8	4.4	4.5	1.7	.1						12.1	11.7
VARBL													
CALM												3.0	
	7.0	17.0	32.5	30.6	8.5	1.4						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 846

LOCAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION EDGES FLD KS STATION NAME 67-72, 74-75 YEARS 1967-1975 MONTH 1967-1975
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	4.4	4.9	1.2							15.7	3.2
NNE	.5	1.4	1.3	1.1	.4							2.2	2.2
NE	1.1	1.3	.7	.1								3.7	2.2
ENE	.5	.7	.7	.5								2.5	2.2
E	1.2	1.1	2.2	.7	.1							2.1	2.2
ESE	.7	.8	.7	.4								2.5	2.4
SE	.6	1.3	1.7	.1	.4							4.5	2.2
SSE	.1	1.7	1.5	1.1								4.4	2.9
S	.6	3.1	3.8	2.2	.2							10.5	3.5
SSW	.8	2.2	2.3	.7		.1						5.7	2.1
SW	.5	1.3	.4	.5								2.7	2.1
WSW	.9	1.4	.2	.1	.1							1.2	2.1
W	1.4	1.2	.5									2.8	4.4
WNW	.3	.7	.4	.1								2.2	4.6
NW	1.2	1.4	1.7	1.8	.2							7.2	2.2
NNW	2.6	1.4	3.0	2.4	.4	.2						9.9	3.3
VARBL													
CALM												11.0	
	17.4	25.2	25.3	17.2	3.0	.4						10.1	3.7

TOTAL NUMBER OF OBSERVATIONS 345

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
OFFICE WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FORBIS FLD MS STATION NAME 63-72, 74-75 YEARS FEB MONTH 2100-2300 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.1	3.6	5.3	.9							14.7	9.3
NNE	.5	1.2	1.3	1.3								4.6	7.7
NE	.5	1.3	.6	.2								2.7	5.7
ENE	.4	.3	.4	.2								1.6	6.3
E	.5	.3	1.9	1.5	.1							5.1	8.8
ESE	.7	.3	1.3									2.3	5.7
SE	.4	2.5	1.3	.4								4.5	6.9
SSE	.7	1.4	1.3	1.2	.1							4.7	7.7
S	.2	1.3	3.8	3.9	1.2							11.1	10.5
SSW	1.2	1.3	2.1	1.7	.4							6.6	5.7
SW	.1	3.4	.6									3.1	4.3
WSW	1.1	2.1	.8	.1								4.1	5.2
W	.3	1.1	.2									.1	4.3
WNW	1.1	.5	.8	.2								2.6	5.8
NW	.9	3.1	.9	.8		.1						2.9	6.6
NNW	.2	.2	1.9	1.5	.4	.1	.1					3.2	5.5
VARBL													
CALM												15.4	
	14.2	25.8	22.8	13.5	3.7	.2	.1					15.1	6.6

TOTAL NUMBER OF OBSERVATIONS 245

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FLD KS STATION NAME FORBES FLD KS YEARS 63-70, 74-75 MONTH ALL
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	3.8	4.6	1.3	.3	.0					14.7	9.9
NNE	.7	1.1	1.6	.9	.1	.0						4.5	6.2
NE	.5	1.0	.7	.4								2.5	6.7
ENE	.3	.7	.5	.4								2.0	7.1
E	.7	1.1	1.6	1.1	.0							4.5	7.8
ESE	.5	1.1	.9	.4								3.0	6.7
SE	.5	1.5	1.2	.5	.1	.0						3.3	7.4
SSE	.4	1.7	1.3	1.3	.1	.0						4.2	9.0
S	.9	1.6	3.4	3.8	.8	.1						10.6	10.1
SSW	.7	1.4	1.9	2.6	.5	.1						7.3	9.8
SW	.7	1.2	1.0	.9	.3	.1						4.1	7.4
WSW	.7	1.1	.7	.3	.0							2.8	6.1
W	.3	1.3	1.1	.3								3.5	6.2
WNW	.7	1.0	1.4	.6	.0							3.6	7.1
NW	1.4	2.2	2.2	1.8	.5	.2						8.4	8.6
NNW	1.2	1.5	2.8	3.3	1.1	.4	.0					10.3	10.5
VARBL													
CALM												10.2	
	12.4	21.6	26.1	23.5	5.0	1.2	.0					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6766

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 FORDES FLD KS STATION NAME 63-74-75 YEARS 63-74-75 MONTH ALL
CLASS ALL WEATHER
HOURS (L.S.T.) 1000-0000

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	3.3	3.2	.8							1.2	2.4
NNE	.6	.5	2.2	1.8	.3	.1						2.6	2.9
NE	.3	1.2	.4	.5								2.5	6.3
ENE	.5	1.7	.6	.1								2.3	5.5
E	1.2	1.1	.9	.4								3.6	5.3
ESE	.9	1.1	.8	.2	.2	.1						3.2	6.9
SE	1.0	3.2	2.0	1.0								7.2	4.7
SSE	.6	2.3	1.8	1.2	.5	.3						6.6	9.5
S	.4	1.9	1.8	3.6	1.5	.9	.3					10.4	12.8
SSW	1.6	1.8	1.4	3.2	.9							8.9	9.2
SW	.5	.8	.5	.5	.3							2.7	8.5
WSW	.6	1.1	.2	.1								2.0	5.1
W	.5	.5	.4	.1	.3	.1	.1					2.3	5.1
WNW	.9	.8	1.4	1.0	.3							4.2	8.7
NW	1.2	1.2	2.2	2.2	.8	.3	.1					7.9	18.2
NNW	1.0	1.2	1.6	1.9	.5	.2						5.5	9.9
VARB													
CALM												13.8	
	12.9	21.5	21.6	21.1	6.5	2.0	.5					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 929

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 63-70.74-75 STATION NAME FUSPIS FLD KS YEARS 63-70.74-75 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 1300-1600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	2.6	3.4	.9	.1						11.2	6.7
NNE		.3	1.0	1.1		.2						3.0	9.8
NE	.3	1.1	1.4	.4								3.1	7.3
ENE	.6	.9	.6	.2								2.3	6.1
E	.5	1.0	1.1	.3	.1							3.0	7.0
ESE	.5	1.2	.9									2.6	5.5
SE	1.5	2.4	1.8	.8	.2	.2						6.9	7.0
SSE	1.3	1.6	.9	1.6	.4	.3						6.1	8.9
S	1.5	2.3	2.2	3.2	.6	1.5	.3					11.6	11.4
SSW	1.1	.9	2.3	3.4	.3							2.0	9.7
SW	.9	2.7	.4	.5								3.9	5.6
WSW	.2	.8	.1	.1								1.2	5.7
W	.6	.3	.2	.3	.2	.3						2.5	7.1
WNW	1.0	1.0	1.9	.9		.1						4.5	7.5
NW	1.2	1.3	2.6	2.4	.4	.4						6.3	10.0
NNW	.9	1.4	1.9	2.5	.5							7.2	9.5
VARBL													
CALM												13.0	
	13.6	21.5	22.7	21.2	3.8	3.2	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
CLIMATE DIVISION
METAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORBES FLD KS STATION NAME 63-73,74-75 YEARS 63-73,74-75 MONTH MAR

CLASS ALL WEATHER HOURS (L.S.T.) 0600-2400

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	3.7	2.4	1.1	.2						10.2	9.8
NNE	.3	.3	2.0	1.3								4.4	9.0
NE	.1	.3	1.9	.4								3.2	7.6
ENE	.4	1.1	1.2	.2								2.9	6.3
E	.9	.6	.5	.8	.3							3.1	6.0
ESE	1.0	.9	.6	.8	.1							3.3	7.0
SE	.2	2.7	2.3	1.1								6.9	6.2
SSE	.6	1.7	1.0	.9	.5	.2						4.9	9.2
S	.8	1.9	3.3	3.3	2.2	.6						1.2	11.3
SSW	.9	1.2	.6	1.8	.6	.1						5.3	10.1
SW	.4	1.3	1.1	.4	.2							3.4	7.5
WSW	.2	.9	.1	.2								2.2	4.5
W	.9	1.0	.9	.5	.2		.1					3.5	8.2
WNW	.6	1.5	1.1	.6	.1	.1		.1				4.2	8.4
NW	1.1	1.1	2.8	2.9	.8	.5						7.1	12.7
NNW	.5	1.3	2.4	3.3	.6	.4						6.6	11.0
VARBL													
CALM												12.6	
	11.4	20.3	25.5	21.0	6.8	2.3	.1	.1				107.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 002 FORBES FLD MS STATION NAME 03-72, 74-75 YEARS MAC
MONTH 000-1100
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	4.5	5.5	1.5	.4						10.1	11.9
NNE	.1	.5	2.0	1.5								5.1	7.5
NE	.4	.3	1.6	.8								3.5	8.0
ENE	.1	.2	1.3	1.1								3.2	9.1
E	.5	1.4	.2	.6	.1							3.5	7.7
ESE	.4	1.5	1.4	1.3	.4							5.1	9.0
SE	.1	.3	1.2	1.5								3.5	9.5
SSE	.5	.0	.8	2.3	.3	.3	.1					2.2	11.4
S	.4	1.1	3.6	5.6	1.7	1.1	.2					13.8	13.2
SSW	.1	.4	2.3	3.4	.9	.9	.1					5.1	13.3
SW	.2	.6	1.5	2.0	.3	.4						2.2	11.3
WSW	.1	.5	.8	.3	.1							1.3	8.8
W	.2	.3	1.0	.9	.1	.1						2.0	10.0
WNW	.3	.8	1.1	1.4		.5						4.1	10.8
NW	.2	1.2	1.8	2.8	1.2	.6						7.8	12.5
NNW	.2	.9	2.7	5.8	1.6	.3						11.5	12.6
VARBL													
CALM												2.9	
	4.3	13.2	29.4	36.8	8.3	4.7	.4					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORBES FLD KS STATION NAME 63-70, 74-75 YEARS 1200-1400
MONTH 1200-1400
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	4.3	5.1	1.5	.1						13.0	11.3
NNE	.1	.6	2.2	1.3	.5							4.7	10.5
NE	.4	.6	2.0	.1								3.2	7.3
ENE	.3	.9	1.2	.8	.1							3.2	8.6
E	.5	.9	.6	.3								2.4	6.5
ESE	.1	.6	1.0	.9	.1	.2						2.9	10.3
SE	.4	1.3	1.5	1.5	.1	.1						4.9	9.5
SSE	.2	1.1	1.4	2.7	.9	.4	.3					7.2	12.8
S	.2	.3	1.7	5.4	1.6	1.5	.2					11.0	14.9
SSW	.2	.5	2.3	2.4	2.3	.9	.1					2.6	14.3
SW	.1	.5	1.4	2.2	.9	.4						5.4	12.5
WSW	.3	.3	1.0	.5	.2	.3						2.7	11.1
W	.1	.8	1.8	1.8	.4							4.9	10.6
WNW		.9	1.1	1.5	.1	.3						3.5	11.4
NW	.1	.5	2.3	3.4	2.3	.5	.1					9.2	14.0
NNW		1.0	2.2	5.4	1.3	.8						13.5	13.1
VARBL													
CALM												2.5	
	3.3	12.7	27.8	35.2	12.2	5.6	.8					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

112 STATION FORBES FLD KS 63-70, 74-75 YEARS
ALL WEATHER CLASS
1960-1960 MONTH
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	3.5	5.7	1.1							11.4	11.7
NNE	.1	1.1	1.9	2.4	.2							5.7	10.2
NE	.4	1.2	2.4	.5								4.5	7.6
ENE	.2	1.3	1.2	.3								3.3	6.0
E	1.0	1.5	1.5	1.0	.2							2.2	7.6
ESE	.2	.5	.6	.3	.1	.1						2.0	9.1
SE	.4	.2	.5	1.2		.2						2.6	11.1
SSE	.5	.6	2.5	2.4	.6	.8						7.4	11.7
S	.1	1.3	1.8	5.1	3.4	1.6	.1					13.4	14.9
SSW	.1	.6	1.7	1.4	1.0	.5						6.4	12.7
SW	.2	.2	1.3	1.4	.5	.2						3.9	11.9
WSW	.3	.5	1.2	1.4	.1	.6						4.2	11.9
W	.1	1.0	2.2	1.7	.1	.2						2.3	10.4
WNW	.2	.5	1.4	1.5		.3						4.1	10.6
NW	.3	1.0	2.4	4.5	1.5	1.0						12.6	13.0
NNW	.2	.9	1.5	5.2	1.2	.4						9.4	13.0
VARBL													
CALM												1.9	
	5.1	13.2	27.6	35.9	10.1	6.0	.1					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100000 FLD MS STATION NAME 63-70.74-75 YEARS 44
 MONTH ALL WEATHER
 CLASS 800-8000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	4.3	3.7	.8							17.8	5.5
NNE	.2	.5	2.9	1.1	.4							2.4	5.4
NE	1.1	1.4	1.9	.3								4.7	6.3
ENE	.5	1.2	.2	.4								2.5	5.6
E	2.2	1.6	1.3	1.1	.1							3.1	6.5
ESE	.6	1.9	1.2	.2								4.2	5.9
SE	.3	2.2	1.5	.6	.5							2.3	6.4
SSE	.3	2.2	2.4	2.2	.3	.7						7.6	9.8
S	.5	1.3	2.8	4.7	1.7	.5	.2					11.6	12.2
SSW	.1	1.2	1.2	.6	.2							3.1	8.7
SW	.3	1.5	.5	.8	.1							3.2	7.4
WSW	.5	1.1	.6	.1	.1							2.5	5.7
W	.4	.8	.4	.6	.6	.2	.1					3.2	11.2
WNW	1.2	.9	.2	.6	.1							2.5	7.2
NW	1.2	1.1	1.3	2.0	1.1	.2						6.7	16.7
NNW	.9	1.4	2.7	4.0	1.4	.4						12.6	11.4
VARBL													
CALM												.7	
	11.3	24.0	25.3	23.2	7.5	1.7	.3					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATE LOGISTICS BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FORBES FLD KS STATION NAME 63-73, 74-75 YEARS MAC MONTH 11-12-73
CLASS ALL WEATHER HOURS (L.S.T.) 2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	3.3	3.1	1.2							11.1	7.2
NNE	.5	1.3	2.0	1.8	.5							1.2	2.5
NE	.1	1.1	1.2	.4								2.3	7.5
ENE	.6	.5	1.3	.2								2.7	6.3
E	1.2	1.0	1.2	.9								4.2	6.3
ESE	1.2	2.3	1.3	.6	.1							1.3	6.3
SE	1.4	2.6	1.0	1.2	.1	.1						1.3	6.3
SSE	.5	1.2	1.3	2.0	1.0	.1						1.1	10.5
S	.3	1.9	2.3	4.6	1.3	.4	.3					1.2	11.5
SSW	1.2	1.7	1.7	2.4	.2							7.2	6.4
SW	.4	.9	.2	.4	.1							2.1	7.2
WSW	.1	1.2	.3			.1						1.5	2.4
W	.3	.9	.4	.5	.1	.2						1.5	2.1
WNW	.3	.5	.4	1.0	.6	.1						1.0	11.9
NW	.6	2.2	1.3	1.2	.6	.1						2.2	9.2
NNW	1.2	1.1	2.0	3.5	1.4							2.4	1.4
VARBL													
CALM												11.1	
	12.5	21.8	21.8	24.0	7.3	1.2	.3					15.4	2.1

TOTAL NUMBER OF OBSERVATIONS 230

U.S. NAVAL CLIMATOLOGY BRANCH
 USFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 722BLS FLD KS STATION NAME 63-75, 74-75 YEARS 63-75, 74-75

CLASS A-1 - A-1-EP MONTH ALL

CONDITION ALL HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	3.7	4.7	1.1	.1						11.0	10.7
NNE	.3	.5	2.2	1.5	.3	.5						3.1	3.7
NE	.4	1.2	1.5	.4								3.5	7.3
ENE	.4	.9	1.2	.4	.0							2.5	6.9
E	1.7	1.1	1.0	.7	.1							3.5	7.0
ESE	.6	1.2	1.7	.5	.1	.1						3.5	7.4
SE	.0	1.9	1.5	1.1	.1	.1						3.5	7.8
SSE	.6	1.4	1.5	1.9	.6	.2	.1					6.4	10.5
S	.6	1.5	2.5	4.4	1.8	1.1	.2					10.0	12.1
SSW	.7	1.1	1.7	2.3	.8	.2	.2					6.2	11.7
SW	.4	1.0	.0	1.0	.3	.1						3.7	9.4
WSW	.4	.5	.5	.3	.1	.1						2.2	6.1
W	.4	.7	.9	.8	.3	.1	.0					3.3	4.7
WNW	.5	.3	1.1	1.1	.2	.2		.0				3.7	4.5
NW	.7	1.2	2.1	2.7	1.1	.5	.0					6.2	11.4
NNW	.6	1.1	2.1	4.0	1.1	.3						6.2	11.4
VARBL													
CALM												5.1	
	3.3	18.5	25.2	27.3	7.8	3.3	.4	.0				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 7439

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/ALC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 PHOBES FLD KS STATION NAME 63-73,74-75 YEARS AF-
 CLASS ALL WEATHER MONTH 03-0200
 CONDITION 000-0200
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.5	2.1								6.3	2.7
NNE	.5	1.1	.9	.9								3.4	7.2
NE	.2	.7	.6	.6								2.1	7.1
ENE	.1	.6	.1	.6	.1							1.9	8.2
E	1.6	.9	2.3	1.3		.1						6.2	7.7
ESE	.3	2.2	1.9	2.0	.2							6.7	8.9
SE	1.6	2.0	2.9	1.9	.1	.1						5.3	7.9
SSE	.5	1.9	2.2	1.3	.9	.1						6.9	9.3
S	1.1	3.1	3.9	4.9	1.8	.2						15.1	10.4
SSW	1.6	1.7	.7	2.6	.7	.1						7.2	9.1
SW	.3	1.7	.4	.4	.1							3.2	6.7
WSW	1.0	.7	.6	.4								2.7	6.2
W	.6	1.2	.2	.7	.2	.2	.1					3.0	9.8
WNW	.3	1.6	.7	1.0	.1	.1						3.8	8.6
NW	1.2	1.1	1.0	1.1	.0							5.2	9.1
NNW	.7	1.6	1.0	1.6	.6							5.3	8.9
VARBL													
CALM												12.9	
	12.4	23.6	21.1	23.4	5.4	1.0	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 103855 FLD KS STATION NAME 63-73.74-75 YEARS APR
MONTH 300-0900
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.7	2.1	.1							7.3	6.3
NNE	.4	.7	.6	.6								2.4	7.3
NE	.3	1.2	.9	.2								2.7	5.1
ENE	.7	1.3	.4	.7	.2							3.2	7.5
E	.6	1.3	1.1	.9								3.9	7.1
ESE	.4	1.7	1.8	1.7	.2	.1						5.9	5.9
SE	1.2	2.9	2.6	2.1	.1	.1						9.2	7.7
SSE	.4	2.7	1.4	1.8	.3							6.2	6.7
S	1.2	2.3	4.0	4.9	1.3	.7						14.2	10.6
SSW	.4	1.6	2.7	3.1	.4							7.6	10.1
SW	.6	.7	.9	.3	.1	.1						2.7	8.2
WSW	.6	.4	.4	.4								1.9	6.6
W	.6	1.1	.6	.7	.1	.2						3.2	8.5
WNW	.3	.7	.6	.8	.2							2.8	9.1
NW	1.0	2.7	.9	1.0	.2							5.1	7.1
NNW	.2	.9	.9	2.9	.3							5.2	11.1
VARBL													
CALM												17.7	
	2.4	22.8	21.2	24.1	3.8	1.2						100.3	7.2

TOTAL NUMBER OF OBSERVATIONS 900

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
MET. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FLD KS STATION NAME 63-72,74-75 YEARS APR
CLASS ALL WEATHER MONTH 600-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	3.7	2.1	.1							7.6	9.2
NNE	.2	.7	.9	.6								2.7	7.3
NE	.6	.5	.6	.4								2.1	7.3
ENE	.7	.5	.7	.9								2.8	7.7
E	.5	1.0	1.3	1.3	.1							5.2	8.1
ESE	.3	1.7	2.9	1.7	.1							6.7	8.5
SE	.9	1.9	3.3	2.3	.1							6.5	8.4
SSE	.3	1.3	1.3	2.3	.4							6.2	9.5
S	1.2	1.3	3.4	6.2	2.0	.6						14.6	11.6
SSW	.1	1.7	1.6	4.0	.7		.1					5.1	11.0
SW	.7	.4	.6	.9		.1						2.7	8.7
WSW	.1	.7	.1	.4	.2	.2						1.3	11.3
W	.4	.7	1.0	.8		.1						3.0	8.4
WNW	.3	1.5	.7	.8	.2	.1						3.9	8.5
NW	.2	1.7	1.9	2.4	.3							7.2	9.0
NNW	.5	1.5	1.8	2.0	.2							6.3	8.8
VARBL													
CALM												10.3	
	2.6	19.1	20.1	29.2	4.6	1.1	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

U. S. AIR FORCE CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME FORBES FLD MS YEARS 63-70, 74-75 MONTH APR
 CLASS ALL WEATHER MONTH 1960-1100
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.2	3.3	7.1	.1							7.0	13.0
NNE	.3	.8	1.3	1.1								2.5	6.5
NE	.2	.3	1.0	.5								2.0	6.2
ENE	.4	.3	.9	1.3								3.0	7.1
E	.8	1.6	1.0	1.7	.2							5.2	8.4
ESE	.3	.4	3.0	2.4	.3							6.3	9.9
SE	.2	1.1	2.1	2.4	.1							6.3	9.9
SSE	.2	.8	1.3	2.7	.8	.2						6.3	11.9
S	.3	.7	4.0	5.4	3.7	1.3						12.4	13.9
SSW	.1	.2	1.2	4.9	2.4	1.0	.1					10.0	15.2
SW	.3	.4	1.6	1.1	1.3	.4	.1					4.3	13.1
WSW	.2	.6	.2	1.0	.3	.1						2.4	11.6
W	.3	.6	.9	.8	.3	.1						3.0	10.3
WNW	.2	.3	1.4	1.2	1.4	.3						3.0	13.1
NW	.1	1.1	2.6	2.3	.7	.2						7.2	11.0
NNW	.4	.9	2.6	4.0	.9							6.8	11.4
VARBL													
CALM												1.0	
	5.1	11.7	28.4	36.3	12.7	3.8	.2					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORBES FLD KS STATION NAME 63-70, 74-75 YEARS APR
MONTH 1200-1400
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	2.6	2.7	.3							1.2	9.8
NNE	.4	.7	1.6	2.0	.2							4.4	10.0
NE	.2	1.1	.8	.3	.1							2.5	7.4
ENE	.2	.4	.8	.7								.2	3.1
E	.3	1.1	2.0	2.1	.2							5.8	9.6
ESE	.2	.3	2.9	2.9	.1							5.6	10.3
SE	.2	.7	2.9	1.9	.2	.1						6.0	9.7
SSE	.6	.8	1.4	1.3	.8	.7						2.6	12.0
S	.2	.4	1.8	6.1	5.4	1.7	.2					12.2	16.1
SSW	.1	.6	1.0	3.7	2.0	1.3	.1					3.8	15.2
SW	.1	.2	.8	1.4	1.4	.6	.1					4.7	14.2
WSW		.4	.3	1.1	1.0	.6						3.4	15.0
W	.3	.6	1.6	1.0	1.1	.6						3.1	12.5
WNW	.2	.3	.8	1.8	.7	.1						3.9	12.6
NW		.4	2.0	3.6	1.0	.3						7.3	13.0
NNW	.2	1.3	2.1	4.2	.8	.4						9.1	11.6
VARBL													
CALM												1.2	
	4.3	10.2	25.2	36.8	15.4	6.3	.4					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
401 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME FORBES FLD KS YEARS 63-70, 74-75 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) 1530-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	1.3	2.4	5.1	.1	.3						4.2	9.4
NNE	.7	1.6	1.9	1.1								4.9	7.6
NE	.7	1.0	.7	.2	.1							2.7	6.2
ENE		.4	1.3	.4	.1							2.3	9.3
E	.4	1.3	2.3	1.9	.1							8.1	9.0
ESE	.1	1.0	1.6	2.3	.3							5.3	10.5
SE	.4	.9	2.3	2.1								5.7	9.2
SSE	.3	.9	1.3	3.0	1.4							7.0	12.0
S	.1	.2	1.8	5.4	4.0	1.9	.2					13.7	16.2
SSW		.1	1.7	2.6	2.7	1.0	.2					8.2	16.0
SW		.6	.6	2.2	1.3	.6	.1					5.3	15.1
WSW	.3	.2	1.2	1.0	.9							3.7	11.7
W	.2	.1	.8	2.3	.6	.4	.1					4.6	14.1
WNW		.4	1.3	2.1	.6	.3						4.5	12.7
NW		.6	2.2	2.9	1.4							7.1	12.3
NNW	.3	1.0	2.6	3.7	.8	.2						8.6	11.3
VARBL													
CALM												1.9	
	4.2	11.6	26.0	30.4	18.4	4.8	.7					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 900

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORRES FLD KS STATION NAME 63-70.74-75 YEARS APR
MONTH 1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	2.9	2.2		.4						2.2	9.5
NNE	.7	1.1	.5	.4								1.2	5.6
NE	1.1	.3	.7	.2	.2	.1						2.2	5.6
ENE	.8	1.3	1.5	.4	.3							3.9	7.7
E	1.2	1.7	1.9	1.7	.1	.1						5.0	7.4
ESE	.3	1.2	2.1	1.7	.1							5.9	8.1
SE	.3	2.1	1.4	1.8	.2							6.4	8.4
SSE	.4	2.1	3.0	4.5	.2							10.3	10.1
S	.7	2.3	2.2	4.5	2.3	.8	.1					14.9	12.5
SSW	1.0	1.3	1.3	2.1	.2	.1						6.6	9.0
SW	.2	.6	1.0	1.4	.2							3.5	10.2
WSW	.7	1.1	.4	.3	.2	.6						3.3	11.3
W	.3	.5	1.3	.1		.1						2.7	7.3
WNW	.3	1.7	.4	1.0	.1							3.3	7.9
NW	.6	1.7	1.6	2.1	.3	.1	.1					6.7	9.5
NNW	.5	1.3	1.6	2.8	.6	.1						7.4	10.0
VARBL													
CALM												5.7	
	12.7	22.6	24.1	26.6	5.2	2.5	.2					100.7	8.7

TOTAL NUMBER OF OBSERVATIONS 897

2
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-2 STATION FORBES FLD KS STATION NAME 63-70, 74-75 YEARS APR
MONTH
ALL WEATHER CLASS 4100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	1.4	2.7	.4							7.4	9.2
NNE	.5	.9	1.0	.3	.1							2.7	7.5
NE	.6	1.4	.4	.4								2.4	6.3
ENE	.5	1.4	.4	.6	.1							3.1	7.2
E	1.3	1.9	1.9	2.3	.1	.1						7.7	8.1
ESE	2.0	1.1	2.0	1.2	.2							5.6	7.2
SE	.5	3.2	1.6	1.4								6.3	7.2
SSE	.7	1.7	1.7	2.6	.6							7.1	9.5
S	1.1	2.8	3.3	5.2	2.2	.8	.1					12.6	11.6
SSW	.2	2.0	1.9	.7	.3							5.7	7.4
SW	.6	3.6	.6		.1		.1					4.9	5.9
WSW	.0	1.0	.2	.7	.1	.4						3.3	5.5
W	.8	1.2	.3	.1			.2	.1				2.8	8.1
WNW	.9	.7	1.0	.6	.1							3.2	7.4
NW	.7	2.0	.9	1.6								5.1	7.8
NNW	.2	1.6	.6	.9	.3							4.1	5.1
VARBL													
CALM												10.7	
	13.7	28.3	19.3	21.3	4.8	1.3	.4	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 497

GENERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 112 FORBES FLD KS STATION NAME 63-71.74-75 YEARS APR
MONTH ALL
CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	2.5	2.5	.2	.1						1.5	4.3
NNE	.5	1.7	1.1	.9	.7							3.5	7.5
NE	.5	1.0	.7	.4	.1	.0						2.6	6.7
ENE	.5	.8	.7	.7	.1							.5	9.1
E	.2	1.3	1.8	1.6	.1	.0						5.7	8.2
ESE	.6	1.3	2.3	2.7	.2	.0						5.3	9.0
SE	.7	1.8	2.4	2.0	.1	.0						7.1	8.4
SSE	.5	1.4	1.7	2.4	.7	.1						6.9	10.3
S	.7	1.7	3.1	5.3	2.8	1.0	.1					14.7	12.9
SSW	.5	1.1	1.5	2.9	1.2	.4	.1					7.5	12.1
SW	.3	1.7	.8	1.0	.6	.2	.1					4.0	10.9
WSW	.5	.6	.4	.7	.3	.2						2.8	10.6
W	.4	.5	.8	.8	.3	.2	.1	.0				3.4	10.4
WNW	.4	.9	.9	1.2	.4	.1						3.8	10.3
NW	.6	1.3	1.6	2.1	.6	.1	.0					5.4	10.1
NNW	.5	1.3	1.6	2.8	.6	.1						6.9	10.4
VARBL													
CALM												7.9	
	9.9	18.7	23.9	29.3	8.3	2.8	.3	.0				100.7	5.4

TOTAL NUMBER OF OBSERVATIONS 7194

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORBES FLD KS STATION NAME 03-70.73-74 YEARS MAY
 CLASS ALL WEATHER MONTH 000-0200
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	1.9	1.0	.2							4.2	3.6
NNE	1.1	1.2	1.2									3.2	5.2
NE	1.2	1.5	.7	.3								3.2	5.5
ENE	1.1	.2	1.1	.1								3.3	5.7
E	.0	1.2	.6	.4								3.2	6.1
ESE	1.1	1.9	1.1	.2								4.3	5.7
SE	1.7	3.1	1.3	.6	.4	.1						7.3	6.7
SSE	1.3	2.2	3.0	1.2	.1							7.7	7.3
S	1.3	2.3	5.3	6.0	2.5	.7						17.6	11.9
SSW	1.3	2.3	4.5	3.8	.2							12.6	8.7
SW	.5	1.4	.6		.1							2.7	5.2
WSW	.9	1.3	.2	.2	.1							2.7	5.2
W	.2	1.3	.6	.1								2.8	5.2
WNW	.9	.5	1.0	.1								2.5	6.2
NW	1.2	1.4	1.4	1.2	.1							2.3	7.5
NNW	1.3	1.2	1.0	.5	.1							3.9	6.6
VARBL													
CALM												13.0	
	16.2	23.9	25.6	15.8	3.9	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 936

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 112 FORBES FLD MS STATION NAME 63-70, 73-74 YEARS MAY
CLASS ALL WEATHER MONTH 2200-2500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.9	2.2	1.1	.1							9.1	7.2
NNE	.3	.8	1.2	.1								2.4	7.2
NE	.6	.8	.6	.2								2.3	6.2
ENE	.6	1.2	.4	.1								2.4	5.2
E	.2	1.2	1.1	.5								3.7	6.6
ESE	1.2	1.5	1.2	.3								4.2	6.2
SE	.2	3.2	2.2	1.1								5.2	6.7
SSE	1.2	1.6	1.6	1.7	.4							8.6	6.1
S	1.7	2.4	4.9	7.3	1.3	.1						17.7	10.2
SSW	.2	1.5	3.2	2.6	.6	.3						7.2	10.1
SW	1.3	1.1	1.0	.5	.1							4.0	6.3
WSW	.2	.7	.6	.1								1.2	6.2
W	.6	.4	.3									1.4	4.4
WNW	.9	1.2	1.4	.9								4.3	7.1
NW	1.3	2.3	1.5	.9	.1							6.2	6.5
NNW	1.2	1.2	.8	.3		.1						3.3	6.5
VARBL													
CALM												15.2	
	15.3	23.3	24.2	17.7	2.7	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 932

ALPHA CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME FOUR-BES FLD KS YEARS 63-70, 73-74 MAY
MONTH
1600-0600
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	2.4	2.2								7.2	4.0
NNE	.5	1.3	.6	.4								2.7	2.3
NE	.5	1.2	1.2	.2								2.2	2.7
ENE	.4	.7	1.4	.1								2.7	6.0
E	.6	1.2	1.5	1.0								4.1	7.7
ESE	.3	1.4	.2	.5								3.4	6.2
SE	.5	1.5	2.2	1.1								3.4	7.6
SSE	1.4	1.4	2.4	2.7	.2							5.1	3.4
S	1.1	1.2	5.4	7.8	1.9							16.1	10.6
SSW	.4	1.5	2.4	3.5	.0	.4	.1					4.2	11.4
SW	.6	.6	.9	.4								4.6	7.3
WSW	.5	1.3	.5	.2								2.2	2.4
W	.6	.5	1.0	.3								2.2	6.4
WNW	.6	1.2	.5	.8								2.2	6.7
NW	1.1	1.4	2.5	2.2	.3							7.3	3.1
NNW	1.2	1.5	1.5	1.3		.2	.1	.1				2.2	2.4
VARBL													
CALM												11.5	
	12.2	13.9	27.0	25.2	3.2	.6	.2	.1				12.4	7.7

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORPES FLD KS STATION NAME 63-70.73-74 YEARS 1960-1961
 CLASS ALL WEATHER MONTH DEC-1961
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	3.3	2.9								2.1	7.3
NNE	.3	.8	1.5	.5								3.1	7.6
NE	.2	.3	1.6	.2								2.4	6.5
ENE	.2	.5	1.7	.4								2.2	6.1
E	.2	1.2	2.3	1.6								2.9	6.8
ESE	.4	.7	1.7	.9								3.6	6.3
SE	.1	1.3	2.7	1.6								2.6	6.6
SSE	.1	.3	1.5	1.9	.3							3.7	11.3
S	.4	1.4	3.9	5.2	4.7	.5						12.4	12.9
SSW	.5	.9	2.4	5.6	2.4	.6						12.4	13.2
SW	.1	.9	2.2	2.0	.9	.1	.1					2.2	11.3
WSW	.2	1.7	1.8	.6		.1						3.3	6.5
W	.2	1.2	.4	.5								2.9	6.2
WNW	.2	1.0	.6	.9	.2							2.9	7.1
NW	.8	1.7	2.3	2.7	.5							5.6	8.6
NNW	.4	.3	3.9	2.2	.2	.3						7.8	9.9
VARBL													
CALM												3.1	
	7.7	15.5	31.9	32.2	8.5	1.7	.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 423

U.S. AIR FORCE CLIMATE DATA CENTER
 AFMPC
 1000 W. 10TH ST. APO FPO, AL 36614

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20 FOCKS FLD MS STATION NAME 63-73-73-74 YEARS
 CLASS ALL WEATHER MONTH 12-1400
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	3.6	2.7	.1							1.3	9.2
NNE	.4	.5	1.6	.8								1.3	5.2
NE	.2	1.5	1.5	.5								3.7	7.2
ENE	.1	.7	.9									1.5	6.9
E	.3	1.5	1.2	.6								4.4	7.4
ESE	.1	.7	1.4	.8								3.1	6.5
SE	.2	.5	2.4	1.8	.4							1.5	10.5
SSE	.1	.2	2.7	2.6	.8	.1						5.4	11.5
S	.2	1.3	3.6	8.3	4.1	1.2						14.3	13.5
SSW	.4	.5	2.2	4.2	2.4	.2						11.7	13.2
SW	.2	.5	.8	1.1	.3	.4						3.2	13.1
WSW	.1	1.1	1.3	.4	.3	.1	.2					4.1	10.5
W	.5	1.2	1.3	.2	.1	.1						3.6	7.3
WNW	.7	1.1	1.6	.5	.1							3.7	8.1
NW	.5	1.4	2.1	1.7	.2	.1						6.7	8.2
NNW	.2	1.2	3.2	2.0	.3	.4						7.2	10.7
VARBL													
CALM												3.0	
	5.4	16.9	32.6	28.6	9.6	2.7	.2					12.2	12.3

TOTAL NUMBER OF OBSERVATIONS 929

U.S. NAVAL METEOROLOGICAL SERVICE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FIELD KS STATION NAME 63-70, 73-74 YEARS MAY
 CLASS ALL WEATHER MONTH 1500-1700
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	3.8	2.4	.1							4.7	3.6
NNE	.2	.5	2.2	.4								1.4	7.8
NE	.1	.5	1.2	.1								2.9	7.8
ENE	.4	.2	1.3	.3								2.9	6.9
E	.2	1.3	1.9	.4								4.3	7.1
ESE	.4	.9	1.3	.8								3.3	7.9
SE	.2	.5	2.2	1.5	.6							2.5	10.1
SSE	.2	1.4	2.2	2.8	.5	.2						7.6	10.6
S	.7	1.7	2.9	9.6	3.9	1.6						17.9	13.9
SSW	.1	.9	1.8	5.4	1.7							7.9	13.0
SW	.2	.7	.5	1.6	.6							3.9	11.2
WSW	.3	.6	.5	.6								2.2	9.0
W	.9	1.4	1.7	.8	.2	.3						4.5	9.6
WNW	.4	.9	2.4	.5	.4							4.6	8.9
NW	.2	1.3	1.8	1.7	.3	.2						5.6	14.0
NNW	.5	1.1	3.2	2.3	.6							7.6	10.0
VARBL													
CALM												3.1	
	17.4	32.6	31.2	9.2	2.4							100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
AIR FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS MAY
CLASS ALL WEATHER MONTH MAY
CONDITION 1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	3.2	1.3	.2							7.5	7.8
NNE	.9	1.5	1.6	.4	.1							4.4	6.3
NE	.5	1.2	1.4	.3	.1							3.5	6.7
ENE	.9	1.5	1.1	.2	.1							3.7	6.1
E	1.3	1.9	1.5	.4								5.1	5.9
ESE	.5	2.3	1.7	.1								4.5	5.9
SE	1.4	1.6	2.3	.9								5.1	6.9
SSE	.5	3.3	3.3	2.4	.3		.1	.1				10.1	8.7
S	1.2	2.8	5.3	8.1	3.0	.8						22.3	11.4
SSW	1.0	.3	1.6	1.6	.3							2.3	9.0
SW	1.1	1.0	.3	.2								2.6	4.9
WSW	.5	.9	.2	.3								1.9	6.2
W	1.2	1.5	.4	.3	.3							3.7	6.9
WNW	.5	1.4	.8	.4								5.1	6.5
NW	1.2	.5	1.1	1.0	.2							4.2	7.7
NNW	.5	1.7	1.5	1.0								4.9	7.2
VARBL													
CALM												4.5	
	14.3	25.5	27.3	19.0	4.7	.4	.1	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 FORBES FLD KS STATION NAME 63-70, 73-74 YEARS DAY
MONTH NOV-2300
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.2	1.5	1.3								4.3	5.2
NNE	.4	1.3	.6	.1	.1							2.7	6.4
NE	.4	1.5	1.1	.1	.1							3.2	6.5
ENE	.5	.5	.9									1.9	5.9
E	1.4	1.2	1.2	.6								4.2	6.0
ESE	1.2	3.1	1.3	.2								5.0	5.4
SE	1.3	2.0	1.8	1.1								7.1	6.3
SSE	.3	4.1	4.7	2.2	.5	.3						12.0	8.6
S	1.2	2.6	5.9	6.6	1.7	.4						18.4	10.6
SSW	1.2	2.6	1.7	1.0	.1							7.3	6.3
SW	1.2	1.4	.3									3.0	4.0
WSW	.4	.5	.1	.2								1.3	5.3
W	1.1	1.4	.5	.1	.1							3.2	5.2
WNW	.5	1.1	.6	.6								2.9	6.9
NW	1.2	.5	1.0	.3								2.9	6.2
NNW	.6	.9	1.4	.8	.1							3.8	7.7
VARBL													
CALM												15.5	
	14.5	26.3	24.6	15.2	2.8	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 112 FOMHES FLD KS STATION NAME 63-7J-73-74 YEARS 44
MONTH MAY
CLASS ALL WEATHER
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	2.7	1.9	.1							7.0	6.5
NNE	.5	1.5	1.3	.3	.0							3.2	6.9
NE	.0	1.1	1.3	.3	.0							3.2	6.6
ENE	.5	.8	1.0	.2	.0							2.5	6.4
E	.8	1.4	1.5	.7								4.4	6.9
ESE	.7	1.6	1.3	.5								4.1	6.6
SE	.5	2.7	2.0	1.2	.2	.0						9.3	7.6
SSE	.7	1.9	2.5	2.2	.4	.1	.0	.0				7.8	9.1
S	1.0	2.0	4.6	7.7	2.8	.6						18.3	11.5
SSW	.8	1.4	2.5	3.7	1.1	.2	.0					9.7	10.9
SW	.7	1.0	.8	.7	.3	.1	.0					3.5	8.7
WSW	.4	.9	.7	.3	.1	.0	.0					2.6	7.4
W	.3	1.1	.7	.3	.1	.1						3.1	6.6
WNW	.6	1.0	1.1	.6	.1							3.4	7.5
NW	.9	1.3	1.8	1.3	.2	.0						5.6	6.2
NNW	.8	1.1	2.0	1.3	.2	.1	.0	.0				5.6	8.2
VARBL													
CALM												9.3	
	11.5	21.1	28.0	23.2	5.6	1.2	.1	.0				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7436

ALPAC CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-2 FOPRES FLD KS STATION NAME 63-70, 73-74 YEARS JUL MONTH
CLASS ALL WEATHER 1999-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	.9	.3								1.0	2.6
NNE	.2	.1	.8	.3								1.4	3.5
NE	.4	1.4	.4	.2								.6	2.7
ENE	.6	.7	.6									1.3	3.6
E	1.9	1.3	.4	.2								3.6	4.2
ESE	1.6	1.7	.3	.9								4.4	5.9
SE	1.3	5.3	1.4	2.0	.2							10.8	6.7
SSE	1.7	2.9	4.6	2.8	.1							12.2	7.9
S	.7	2.4	6.6	5.9	1.2	.4						17.4	10.4
SSW	1.0	1.3	4.4	3.4	.1	.1						10.4	7.2
SW	.3	.7	.2	.6								1.6	7.3
WSW	.1	.7	.7									1.4	6.6
W	.3	.7				.1						1.1	6.0
WNW	.3	.2	.4	.2								1.2	7.5
NW	1.3	.2	.8	.2								3.2	5.5
NNW	1.7	.4	.9	.3	.3							3.7	6.7
VARBL													
CALM												19.6	
	15.2	21.7	23.4	17.4	2.0	.7						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

2
JULIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FO-BES FLD KS STATION NAME 63-73, 73-74 YEARS JUN
CLASS ALL WEATHER MONTH 1300-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.9	.6								2.9	6.5
NNE	.4	.7	.4	.1								1.7	5.6
NE	.2	1.2	.3	.3								2.1	6.9
ENE	.3	.9	1.0	.2								2.4	6.5
E	1.3	1.1	1.0		.1							3.6	5.3
ESE	1.5	1.9	1.0	.4								4.9	5.5
SE	2.3	2.2	.8	1.7	.4							7.4	7.1
SSE	1.3	3.7	4.6	1.7								11.2	7.3
S	1.9	3.4	5.8	5.3	1.2	.3	.1					16.1	9.9
SSW	.9	1.7	4.3	2.2	.3	.1						9.6	8.8
SW	.4	1.2	.9	1.1	.1							3.6	8.2
WSW	.3	.7	.2	.1								1.3	5.6
W	.4	.6	.4	.1		.1						1.7	6.3
WNW	.4	.6	.6									1.9	5.1
NW	1.4	2.3	.2	.7								4.3	5.1
NNW	1.7	1.1	.4	.4								3.2	5.9
VARBL													
CALM												20.7	
	14.2	23.8	22.8	15.0	2.2	.6	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

172 STATION FORBES FLD KS STATION NAME 63-73-73-74 YEARS MONTH JULY
CLASS ALL WEATHER HOURS (L.S.T.) 1600-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.7	1.6	.8								5.2	2.1
NNE	.9	1.1	1.2	.2								2.2	5.2
NE	.4	.7	1.0	.3								2.7	6.8
ENE	.3	1.1	1.0	.1								2.6	6.1
E	.2	.3	1.6	1.0								4.1	7.6
ESE	.7	1.3	1.7	.6	.1							4.3	7.2
SE	1.2	1.4	1.4	.2	.1	.1						5.2	5.8
SSE	1.6	3.0	3.3	2.2	.6							12.7	6.0
S	1.0	2.9	6.8	6.3	2.1	.3						19.4	10.7
SSW	.9	2.0	3.4	3.2	.7	.2						10.4	9.9
SW	.9	1.2	2.0	1.6		.1						5.3	8.5
WSW	.3	.9	.4	.1								1.3	5.5
W	.2	.8	.3									1.7	4.7
WNW	.1	.3	.4	.2								1.5	6.9
NW	.9	1.2	1.1	.7								3.9	6.7
NNW	1.4	1.1	.7	.7								3.9	5.9
VARBL													
CALM												13.5	
	14.6	21.6	27.8	19.2	3.6	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 FORBES FLD MS STATION NAME 63-70.73-74 YEARS JUN
CLASS ALL WEATHER MONTH 1900-1100
CONDITION 900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.9	.9	.1							3.4	7.1
NNE	.7	.8	1.3	.8								3.6	7.9
NE	.6	1.1	1.2	.3								2.2	6.6
ENE	.3	1.0	2.0	.6								3.9	7.6
E	.7	1.7	1.6	.3								4.2	6.5
ESE	.2	.9	1.0	1.2								3.3	6.6
SE	.7	1.7	2.1	1.1	.3							5.9	6.4
SSE	.6	1.4	3.2	3.3	.7							9.2	10.2
S	1.2	2.4	5.2	10.4	3.4	.2						22.8	11.7
SSW	.7	1.4	3.8	4.7	1.3	.4						12.3	11.6
SW	.4	.3	2.2	3.8	.3							7.6	11.0
WSW	.2	.8	1.4	.8								3.2	8.0
W	.4	.9	.2	.3								1.9	6.1
WNW	.1	.4	.7	.1								1.3	7.6
NW	.2	1.7	1.3	.9								3.4	6.4
NNW	.7	1.1	1.9	1.0	.1							4.8	6.1
VARBL													
CALM												3.9	
	8.4	19.0	51.1	30.6	6.3	.7						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1112 STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS JULY MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	3.1	1.1								4.4	5.2
NNE	.7	1.1	1.5	.6								4.5	6.9
NE	.7	1.6	.8	.2								3.2	5.3
ENE	.3	1.2	1.3	.6								3.4	7.3
E	1.0	1.7	2.2	.4								3.3	6.8
ESE	.3	.9	1.7	.7								3.6	8.3
SE	.7	.6	1.8	.7	1.2	.1						4.7	11.6
SSE	.9	1.2	2.6	3.1	.8							5.6	10.0
S	1.1	1.7	5.8	11.7	3.7	.8	.3					23.0	12.5
SSW	.2	.8	3.6	6.3	1.3							12.2	11.9
SW	.6	.4	2.6	2.4	.3	.1						6.4	10.8
WSW	.2	.4	.9	.8								2.3	9.1
W	.6	.2	.6	.4								1.5	7.4
WNW	.2	.4	.1	.4	.1							1.3	8.5
NW	.3	.5	1.9	1.4	.2							4.7	9.4
NNW	.2	1.3	1.7	1.1	.1							4.4	5.7
VARBL													
CALM												3.0	
	3.2	15.7	32.0	32.0	7.8	1.0	.3					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

2
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2 STATION FORBES FLD KS STATION NAME 63-73, 73-74 YEARS JUN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	2.8	1.1								2.4	8.3
NNE	.1	1.3	2.2	1.0								4.7	8.1
NE	.6	1.4	1.0	.2								3.2	6.1
ENE	.7	1.4	1.2	.2								3.2	6.1
E	.5	1.9	2.3	.4								5.2	6.9
ESE	.7	1.9	1.7	1.2								5.4	7.7
SE	.2	.3	2.6	.8	.9	.2						3.4	11.1
SSE	.6	1.8	3.0	4.2	1.1	.3						11.0	11.0
S	.2	1.8	5.3	11.3	3.9	.8	.1					23.4	12.6
SSW	.1	.7	4.0	5.0	1.1	.2		.1				11.4	11.4
SW	.2	.8	1.3	2.3	.2							4.7	10.3
WSW	.4	.4	.6	.2								1.7	6.8
W	.4	.4	.4	.6	.1							2.0	5.3
WNW	.3	.9	.2	.9	.1							2.4	5.8
NW	.1	.7	1.4	.8								3.0	5.4
NNW	.3	.6	2.0	1.2								4.1	5.9
VARBL													
CALM												3.3	
	5.6	18.2	32.1	31.6	7.4	1.6	.1	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 102 EDDRES FLD KS STATION NAME 63-70, 73-74 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.3	.6								4.7	5.2
NNE	.7	.2	.7	.4								2.7	5.4
NE	1.6	1.2	.9	.2								2.7	5.3
ENE	1.9	1.3	1.2	.4								4.9	5.3
E	2.1	2.4	1.1	.3								2.9	4.9
ESE	1.7	2.7	1.2	.8								6.3	5.8
SE	.3	3.4	3.2	.2	.4							9.2	7.6
SSE	1.2	2.8	6.6	4.1	.7							12.1	7.2
S	1.4	3.2	6.3	9.2	1.6	.6	.1					22.2	11.1
SSW	.2	.4	3.1	2.1	.1							2.2	10.1
SW	.3	.6	.2	.4	.1							2.7	7.2
WSW	.2	.6	.1									.9	4.3
W	.4	.2		.3								1.0	6.2
WNW	.2	.2	.4	.6								2.1	7.6
NW	.2	1.2	.7	.2								2.4	6.2
NNW	.1	.7	.7	.2	.2							1.9	2.4
VARBL													
CALM												9.1	
	14.2	23.9	27.8	21.2	3.1	.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 929

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORLES FLD MS STATION NAME 63-70,73-74 YEARS JUL
ALL SEATHER CLASS 110-2300
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.6	.3								2.1	2.4
NNE	.2	.2	.6	.4	.1							2.4	7.4
NE	.2	.4	.6	.2								2.1	5.9
ENE	.2	.7	.8	.2								2.4	6.1
E	3.2	1.7	.6	.2								5.7	3.2
ESE	2.1	2.1	1.2	1.0								6.4	5.6
SE	2.3	5.5	3.3	1.0								12.4	5.0
SSE	1.2	3.6	6.7	3.0	.3							14.2	6.2
S	.8	2.9	5.2	4.3	1.6	.6						15.3	10.5
SSW	.2	.3	2.4	3.0	.1							7.2	9.3
SW	.4	1.0	.2	.1								1.6	5.3
WSW	.4	.2										.7	3.3
W	.2	.2	.1	.4								1.1	7.7
WNW	.1	.1	.1	.7								1.2	1.2
NW	.6	.3	.2	.2								1.3	6.2
NNW	.2	.4	.7	.2	.1							1.7	6.3
VARBL													
CALM												17.4	
	16.0	22.1	24.2	17.4	2.2	.6						100.2	6.3

TOTAL NUMBER OF OBSERVATIONS 928

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 102 FORBES FLD KS STATION NAME 03-70, 73-74 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (L.S.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI
N	1.2	1.2	1.6	.7	.2							1.2	6
NNE	.5	.7	1.1	.5	.2							1.2	7
NE	.7	1.2	.8	.3								1.2	6
ENE	.6	1.7	1.1	.3								1.2	6
E	1.4	1.5	1.3	.4	.5							4.7	5
ESE	1.1	1.7	1.2	.8	.2							4.8	6
SE	1.7	2.7	2.1	1.1	.5	.1						7.6	7
SSE	1.1	2.5	4.3	3.1	.5	.0						11.5	8
S	1.7	2.5	6.0	8.3	2.3	.5	.1					20.5	11
SSW	.5	1.2	3.5	3.7	.5	.1		.0				10.0	10
SW	.5	.8	1.2	1.5	.1	.2						4.2	9
WSW	.7	.6	.5	.2								1.7	6
W	.4	.5	.3	.3	.0	.0						1.5	6
WNW	.2	.5	.4	.4	.2							1.6	7
NW	.7	1.0	1.0	.6	.2							3.3	7
NNW	.7	.8	1.1	.7	.1							3.4	7
VARBL													
CALM												11.3	
	12.1	20.7	27.7	22.9	4.3	.8	.1	.0				100.0	7

TOTAL NUMBER OF OBSERVATIONS 72

Air Force Environmental Technical Applications Center--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC (U)
DEC 81
UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81
USAFETAC/DS-82/008 SBI-AD-F850 140 NI

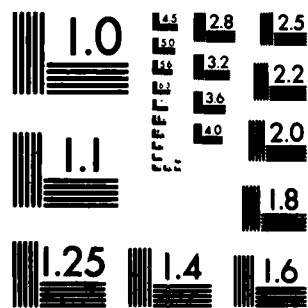
SBI-AD-F850 140

NL

26

$$\frac{1}{\sqrt{1 - \beta^2}}$$

13226



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

SURFACE WINDS

1

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1702 STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS JUL MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	.8	.2								4.0	5.2
NNE	.6	1.1	.4									2.2	5.3
NE	.4	.4	.5									1.4	5.5
ENE	1.1	.5	.4									2.0	4.2
E	1.5	1.6	.5	.2								3.9	4.7
ESE	1.7	3.0	.5	.1								4.6	4.8
SE	2.0	4.8	1.9									6.8	4.9
SSE	1.3	4.6	1.8	.3								5.1	5.4
S	1.2	5.7	9.6	2.4	.5	.2						19.7	8.0
SSW	.8	3.7	5.1	1.9								10.8	8.0
SW	.3	1.4	1.4	.5								3.7	7.1
WSW	.3	.3	.6									1.3	5.3
W	.4	.8	.5	.2								1.9	5.9
WNW	.5	.5	.3	.1								1.5	5.4
NW	.9	1.2	.5									2.5	5.0
NNW	1.1	1.2	.3									2.6	4.1
VARBL													
CALM												21.2	
	14.9	31.7	25.4	6.0	.5	.2						103.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORBES FLD MS STATION NAME FORBES FLD MS YEARS 63-70, 73-74 JUL MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	1.7	.1								4.3	6.1
NNE	.2	1.4	1.3	.1								2.9	6.1
NE	.3	.9	.9	.2								2.7	6.2
ENE	.6	.8	.6	.2								2.3	6.0
E	1.8	1.9	2.0	.2								6.0	7.7
ESE	.8	2.7	1.0	.1								3.9	5.2
SE	1.7	3.7	1.7	.2	.1							7.0	5.7
SSE	.9	4.0	2.2	.6								7.6	6.2
S	1.1	4.7	2.6	4.3	.2							19.1	8.6
SSW	.6	2.3	6.0	3.2	.4							12.6	9.1
SW	1.3	1.0	1.5	.4								4.2	6.2
WSW	.3	1.1	.5	.3								2.7	5.7
W	.2	.5	.3									1.6	4.3
WNW	.2	.3	.5	.1								1.2	7.5
NW	.8	.8	.6	.1								2.3	5.3
NNW	.9	1.2	.9									2.3	5.2
VARBL													
CALM												17.0	
	13.7	27.3	31.0	10.3	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1072 STATION FORBES FLD KS STATION NAME 63-71, 73-74 YEARS JUL MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	2.4	1.6	1.1								5.7	7.1
NNE	.6	1.3	1.8	.3								4.1	6.6
NE	.6	1.2	1.3									2.9	5.0
ENE	.8	1.2	.9	.3								3.1	6.1
E	.2	1.8	2.7	.4								5.7	6.6
ESE	.3	1.8	2.5	1.0								5.6	7.4
SE	1.5	1.9	2.0	.6	.2							6.3	6.7
SSE	.3	1.9	3.3	.9	.1							6.6	7.7
S	1.4	2.5	7.6	6.8	.3							18.6	9.3
SSW	.6	1.6	5.2	7.4	1.5	.1						16.5	11.0
SW	1.0	1.7	3.7	2.0	.1							6.5	8.4
WSW	.5	1.2	1.1	.4								3.2	6.9
W	1.2	1.2	.4	.2								2.8	4.8
WNW	.3	.4	.6									1.4	5.7
NW	.6	.8	.9	.1	.1							2.5	6.5
NNW	.5	.2	.9	.2								1.8	6.6
VARIABLE													
CALM												4.9	
	11.8	22.5	36.5	21.8	2.4	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1920 STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	1.5	2.2	1.1								2.3	7.6
NNE	.5	2.4	1.6	.4								4.9	6.3
NE	.4	1.6	1.6	.1								3.3	6.5
ENE	.6	1.3	2.2	.1								4.2	6.7
E	1.2	2.2	2.6	.1								6.2	6.0
ESE		1.9	2.0	.5								4.5	7.5
SE	.5	1.9	2.0	.6								2.2	7.3
SSE	1.2	2.4	4.3	1.5								4.4	7.6
S	1.0	2.6	7.6	8.4	.9							23.4	16.1
SSW	.5	1.4	4.6	5.3	1.3	.5						13.7	11.4
SW	.1	1.9	3.1	2.4	.1							7.6	9.3
WSW	.5	1.2	.6	.1								2.5	5.3
W	.3	1.0	.9									2.2	5.8
WNW		.3	.1	.2								.6	7.8
NW	.1	1.2	1.3	.5								3.1	7.5
NNW	.4	1.2	.5	.5								2.7	7.0
VARBL													
CALM												4.0	
	8.1	25.9	37.3	21.9	2.3	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-22 STATION FORBES FLD KS STATION NAME 63-73, 73-74 YEARS JUL MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	2.2	1.1	.2							5.4	5.8
NNE	1.1	1.3	1.9	.1								4.4	5.8
NE	.8	2.5	1.9	.2								5.4	6.2
ENE	1.3	1.4	2.0	.1								4.8	6.0
E	.8	2.2	3.1	.9								6.9	7.1
ESE	.5	1.5	2.3	.5								4.8	7.3
SE	.2	3.1	2.7	1.0								7.6	6.8
SSE	.5	1.7	4.3	2.5	.3							9.6	9.0
S	.7	3.3	7.7	10.4	1.4	.2						23.4	10.7
SSW	.2	1.2	3.2	5.2	.5							10.3	10.9
SW	.2	.9	1.6	1.9	.1							4.7	9.8
WSW		.5	.4	.2								1.2	7.8
W	.4	.2				.1						.3	8.1
WNW	.4	.2	.2									.7	4.5
NW	.1	.2	.9	.3								2.2	7.3
NNW	.3	.9	1.6	.6								3.4	7.9
VARBL													
CALM												4.2	
	3.3	22.7	36.9	25.1	2.6	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1712 FORBES FLD KS STATION NAME 63-70, 73-74 YEARS JUL MONTH
CLASS ALL WEATHER 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	1.7									4.3	5.9
NNE	1.5	1.4	1.4	.1								4.4	5.2
NE	1.4	2.7	1.1	.1								4.6	4.9
ENE	.9	2.2	1.1	.2								4.3	5.6
E	4.2	3.3	2.3	.2								10.0	4.7
ESE	2.7	4.8	2.7	.6								10.2	5.6
SE	2.2	4.3	2.9	.3								9.7	5.6
SSE	1.4	5.3	5.6	1.4								13.7	6.9
S	1.1	3.7	8.9	5.7	.6							19.4	9.5
SSW	.5	1.3	3.2	1.2	.2							6.5	8.4
SW	.1	.3	.4	.1								1.3	7.2
WSW		.1	.1									.2	7.5
W	.1	.1										.2	3.5
WNW	.2	.1										.3	3.3
NW	.3	.3	.3	.1		.1						1.2	7.1
NNW	.2	.3	.3	.4								1.7	7.1
VARBL													
CALM												5.4	
	17.2	30.9	32.0	10.5	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-2 STATION FORBES FLD MS STATION NAME 63-70, 73-74 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.2									4.0	5.3
NNE	1.5	.6	.4									2.6	3.9
NE	1.2	.9	.5									2.5	4.6
ENE	.2	.9	.4									2.0	4.5
E	3.0	3.2	1.0	.1								7.3	4.2
ESE	2.4	4.9	1.4	.2								6.9	4.7
SE	2.2	3.2	4.7	.1								12.2	5.5
SSE	1.6	4.4	4.1	.2								10.3	6.1
S	1.6	3.8	8.7	4.4	.4							18.9	8.8
SSW	.5	1.3	3.1	.9	.2							6.0	8.1
SW	.2	.3	.2	.1	.1							1.0	6.9
WSW	.2											.2	2.5
W	.2	.1	.1		.1							.5	7.6
WNW	.3	.9										1.1	3.7
NW	.4	.4	.1	.1								1.1	5.2
NNW	.4	.4	.1	.1		.1						1.2	6.6
VARBL													
CALM												17.2	
	17.7	31.7	26.1	6.2	.9	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

2
 METEOROLOGICAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS JUL MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	1.6	.5	.0							4.5	5.5
NNE	.2	1.2	1.1	.2								2.4	5.7
NE	.8	1.2	1.0	.1								3.1	5.6
ENE	.8	1.2	1.0	.1								3.1	5.9
E	1.2	2.2	1.9	.3								6.3	5.4
ESE	1.1	2.2	1.7	.4								6.1	5.8
SE	1.0	4.2	2.6	.4	.0							8.8	5.5
SSE	1.2	3.6	3.7	1.0	.1							4.5	6.8
S	1.2	3.3	8.8	5.6	.6	.1						20.0	9.1
SSW	.5	1.7	4.6	3.4	.5	.1						15.8	9.8
SW	.4	1.0	1.7	1.0	.1							4.2	5.3
WSW	.3	.6	.4	.1								1.5	6.1
W	.5	.5	.3	.1	.0	.0						1.3	5.4
WNW	.3	.4	.3	.1		.0						1.0	5.4
NW	.4	.3	.6	.2	.0	.0						2.1	6.4
NNW	.6	.8	.6	.3		.0						2.2	6.2
VARBL													
CALM												11.0	
	13.5	27.5	51.9	13.7	1.3	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1972 STATION FORBES FLD KS STATION NAME 63-72, 73-74 YEARS AUG MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.3	1.6	.1								5.5	4.9
NNE	.8	.9	.8	.3								2.7	5.3
NE	.4	.8	.8	.2	.1							2.3	6.6
ENE	.5	1.1	.6	.1		.1						2.5	6.7
E	.6	1.4	1.5	.1	.1							3.8	6.4
ESE	2.3	2.8	.8	.1								5.9	4.4
SE	1.8	4.6	1.5									3.0	5.0
SSE	2.7	4.4	2.7	.3								10.1	5.3
S	1.4	4.8	7.3	4.7	.2							18.5	8.5
SSW	.6	3.0	5.1	2.9								11.6	8.4
SW	.3	.5	.4	.1								1.4	5.7
WSW	.4	.5	.1									1.1	4.4
W	.7	.1	.3	.1								.9	6.5
WNW	.4	.4	.2									1.1	4.7
NW	.6	.8	.4									1.8	4.6
NNW	.9	.6	.1	.1								1.7	4.3
VARBL													
CALM												21.2	
	16.7	28.1	24.2	9.3	.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1420 STATION FORBES FLD KS 63-70.73-74 YEARS AUG MONTH
ALL WEATHER CLASS 3300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	1.7									4.3	5.2
NNE	.6	.9	1.2	.1								2.8	5.3
NE	.2	1.4	.5	.2								2.4	6.4
ENE	.6	1.3	.1									2.0	4.5
E	.8	1.4	.4	.1								2.7	5.0
ESE	.5	2.3	1.0	.2								4.0	5.6
SE	2.7	3.9	1.6	.2								6.4	4.9
SSE	2.3	3.2	1.1	.6								7.2	5.3
S	1.5	5.3	8.1	3.4								18.3	7.7
SSW	1.0	2.5	4.8	2.5								10.8	8.3
SW	.4	.8	.5	.6								2.4	7.1
WSW	.9	.5	.2									1.6	3.9
W	.6	.2	.6									1.5	5.0
WNW	.5	.5	.3									1.4	4.6
NW	.6	1.1	.1	.1								1.9	4.9
NNW	.2	.8	.5	.1								2.3	5.0
VARBL													
CALM												25.5	
	16.0	27.2	22.9	8.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 929

LOCAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION EDDIES FLD KS STATION NAME 63-73, 73-74 YEARS 40
MONTH APR-00
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	1.5	.4								4.0	6.7
NNE	.5	1.2	.3									2.0	2.4
NE	1.1	1.5	1.2									3.8	2.1
ENE	.9	1.7	.4	.1								3.1	4.6
E	1.1	2.7	.6	.3								4.1	5.3
ESE	1.3	1.2	1.6	.4								4.5	6.5
SE	2.2	4.2	2.4	.3								7.0	5.3
SSE	1.7	3.1	2.2	.6								6.9	6.3
S	2.3	4.7	6.2	5.4	.4							19.0	6.3
SSW	.5	2.6	4.3	3.4	.2							11.1	6.9
SW	.5	1.1	.3	.9								3.2	7.4
WSW	.2	.3	.2									1.3	3.3
W	.2	.4	.1	.1								.9	5.3
WNW	.2	.2	.5									1.6	2.0
NW	1.3	1.2	.4	.1								3.0	4.6
NNW	.6	1.3	.6	.1								2.7	5.4
VARBL													
CALM												14.2	
	15.4	28.6	23.9	12.3	.6							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FO-BES FLD MS STATION NAME 63-70,73-74 YEARS 1966-1967
CLASS ALL WEATHER MONTH 1966-1967
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	2.9	.5	.2							6.2	7.3
NNE	.5	.2	1.8	.5								3.5	7.5
NE	.6	1.7	2.2	.1								3.9	6.6
ENE	.9	1.2	1.0									3.5	5.4
E	1.1	2.4	2.9	.3								5.7	6.3
ESE	1.0	1.3	2.0	1.0								5.3	7.1
SE	1.3	1.4	1.3	.6								4.7	6.6
SSE	1.1	1.7	3.1	1.4	.1							7.4	7.9
S	1.4	3.5	7.4	5.2	1.4							18.2	9.4
SSW	.5	1.5	6.8	6.2	.5							15.6	10.3
SW	.5	1.9	1.7	2.3	.1							2.6	8.8
WSW	.4	.3	.9	.3								2.4	6.8
W	.6	1.0	1.0	.2								2.6	5.8
WNW	.0	.4	.3	.5								2.0	6.9
NW	.1	1.1	.6	.4								2.4	7.4
NNW	.2	.8	1.2	.4	.1							2.7	8.0
VARBL													
CALM												5.7	
	12.3	22.2	37.2	20.2	2.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1702 STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS AUG MONTH
CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	2.8	1.4	.1							6.5	7.8
NNE	1.5	1.5	2.2	.6								5.7	7.1
NE	.2	1.1	2.6	.5								4.4	7.7
ENE	.9	1.9	.9	.2								3.9	5.6
E	1.4	1.3	2.5	.5								6.3	6.2
ESE	.9	1.5	2.5	.9								5.7	7.3
SE	.5	1.9	2.6	.8	.1							6.0	7.6
SSE	.8	1.8	3.6	1.6	.1							7.9	8.4
S	.9	2.6	7.7	7.4	2.3							20.8	10.9
SSW	.5	1.3	4.2	5.1	.6							11.9	10.5
SW	.5	.8	2.3	1.9	.1							5.7	9.0
WSW	.7	.4	.9	.3								1.9	7.6
W	.3	.2	.9	.1								2.0	6.7
WNW	.2	.1	.5	.5								1.4	3.6
NW	.2	.2	.9	.4								2.4	8.2
NNW	.2	1.1	1.2	.8	.2							3.5	8.5
VARBL													
CALM												3.7	
	10.1	21.5	38.0	23.2	3.6							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-20 FORBES FLD KS

STATION NAME

62-70, 73-74

YEARS

AUG
MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 36	%	MEAN WIND SPEED
N	.1	2.2	3.0	1.5								6.3	8.3
NNE	.3	1.8	2.6	1.1								5.6	7.9
NE	1.5	1.9	1.6	.8								5.6	6.1
ENE	.5	1.8	1.1									3.0	5.5
E	1.2	3.4	3.1	.4								5.0	6.4
ESE	1.1	1.9	2.5	.9								6.4	6.8
SE	.5	2.3	2.4	1.0	.2							7.6	7.3
SSE	.3	1.6	4.2	2.8	.6							10.0	9.4
S	.5	1.2	7.9	7.8	2.6	.1						20.0	11.5
SSW	.1	.8	3.0	3.8	.2							7.9	10.6
SW	.1	.3	2.0	1.0	.3							3.3	9.3
WSW	.2	.4	.5									1.2	6.2
W	.3	.3	.3	.1								1.1	6.0
WNW	.1	.2	.6	.3								1.3	6.5
NW	.4	1.1	.5	.4								2.5	6.4
NNW	.3	.5	2.2	.6	.2							3.9	8.6
VARBL													
CALM												4.5	
	3.3	22.9	37.6	22.4	4.2	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

929

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-20 FORBES FLD MS STATION NAME 63-72, 73-74 YEARS ALL WEATHER CLASS 1800-2000 MONTH 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	1.2	1.2								4.1	6.5
NNE	1.1	2.2	2.0	.4								5.7	6.1
NE	1.5	1.0	1.4	.3								5.2	5.5
ENE	1.8	2.4	.9	.2								5.3	4.7
E	3.9	3.1	1.9	.3								9.3	5.0
ESE	2.6	4.3	1.6	.2								8.7	4.9
SE	2.4	4.6	3.1	.6								10.6	5.8
SSE	1.7	7.1	5.1	1.8								15.7	6.6
S	1.0	2.0	7.1	4.8	.3							15.3	7.5
SSW	.1	.8	1.2	.8								2.5	6.3
SW	.4	.1	.2	.2								1.0	6.3
WSW		.1										.1	5.0
W	.2	.5			.1							.9	6.4
WNW		.1	.2	.1	.1	.1						.6	13.2
NW	.2	.3	.2	.3								1.1	7.4
NNW	.4	.2	.8	.2								1.6	6.5
VARBL													
CALM												9.9	
	18.7	32.2	26.9	11.6	.5	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 929

CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20 FORBES FLD KS STATION NAME 63-70, 73-74 YEARS AUG
ALL WEATHER MONTH 2100-2300
 CLASS CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.7	1.1	.1								2.2	4.9
NNE	.2	1.7	.3									2.6	4.6
NE	1.0	1.1	.6	.1								2.3	4.7
ENE	.6	1.0	.3	.2								2.2	5.2
E	5.1	2.5	1.2	.3								9.1	4.2
ESE	2.0	3.9	2.2	.1								6.2	5.1
SE	4.2	7.7	2.0	.3								14.2	4.8
SSE	1.3	4.4	4.3	1.2								11.2	6.7
S	1.2	3.4	7.7	4.4	.4							17.1	6.8
SSW	.6	1.7	2.5	.6								4.7	7.5
SW	.1	.3	.5									1.0	6.6
WSW	.1	.1	.1									.3	5.7
W	.5	.2	.1	.1								1.0	4.6
WNW	.1	.1	.2	.1								.5	7.2
NW	.5	.6	.2	.1								1.5	4.9
NNW	.3	.5	.3	.1								1.3	5.5
VARB.													
CALM												16.9	
	22.8	30.3	23.7	7.9	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 928

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 002 FORBIS FLD KS STATION NAME 63-72, 73-74 YEARS AUG
MONTH ALL
CLASS ALL
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 36	%	MEAN WIND SPEED
N	1.4	1.6	2.0	.7	.0							5.7	6.6
NNE	.7	1.4	1.5	.4	.0							4.0	6.5
NE	.8	1.3	1.4	.3	.0							3.8	6.1
ENE	.0	1.5	.7	.1		.0						3.2	5.2
E	1.9	2.3	1.8	.3	.0							6.2	5.5
ESE	1.5	2.4	1.8	.5								6.1	5.8
SE	2.0	4.0	2.1	.5	.7							8.6	5.7
SSE	1.4	3.4	3.3	1.3	.1							9.6	7.0
S	1.3	3.5	7.4	5.4	1.0	.0						18.5	9.4
SSW	.5	1.7	4.0	3.2	.2							9.5	9.3
SW	.4	.7	1.1	.9	.1							3.1	8.3
WSW	.4	.4	.4	.1								1.2	5.7
W	.4	.4	.4	.1	.0							1.4	5.9
WNW	.3	.3	.4	.2	.0	.0						1.3	7.1
NW	.5	.9	.4	.2								2.1	6.7
NNW	.5	.7	.9	.3	.1							2.4	6.9
VARBL													
CALM												13.3	
	14.8	26.6	29.3	14.4	1.5	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7431

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17070 STATION FORBES FLD KS 63-70.73-74 YEARS SEP MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	.3								4.1	5.8
NNE	.6	1.6	1.0									3.1	5.3
NE	1.0	1.1	.6	.4								3.1	6.1
ENE	.6	.7	.4	.1								1.8	5.6
E	2.7	2.7	.9	.1								5.7	4.1
ESE	1.7	2.4	.4		.1							4.3	4.7
SE	2.2	4.7	2.1	.1								9.1	5.0
SSE	2.8	2.8	2.6	.8	.1							9.0	6.0
S	.7	2.2	5.3	4.1	.9							13.5	9.6
SSW	1.4	1.2	2.8	.8								6.8	6.7
SW	1.4	1.9	.8	.2								4.3	4.9
WSW	.6	.4										1.0	3.1
W	.7	1.0										1.7	3.6
WNW	.3	.3	.2	.2								1.6	5.9
NW	.9	1.1	.8									2.8	4.8
NNW	2.0	.9	1.3	.1								4.3	5.0
VARBL													
CALM												23.7	
	20.7	26.6	20.5	7.3	1.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 898

WORLD CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 EGSBES FLD KS STATION NAME 63-70, 73-74 YEARS SEP
MONTH 1300-0500
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.0	1.9	2.1	.1								6.0	5.4
NNE	.7	1.2	.7	.6								3.1	6.5
NE	1.0	1.0	.4	.2								2.7	5.3
ENE	.4	1.4	.6	.1								2.6	5.5
E	2.5	2.1	.8	.2								5.6	4.5
ESE	.9	1.3	1.2	.1								3.6	5.6
SE	1.6	4.0	1.2									6.3	4.7
SSE	1.6	3.9	3.1	.8								9.4	6.1
S	1.6	3.5	5.6	1.9	.7							13.2	6.1
SSW	.9	2.3	2.1	.7	.2							6.2	7.3
SW	1.4	1.4	.4	.6								3.9	5.5
WSW	.4	.8	.1									1.3	4.3
W	.9	1.0	.2									2.1	4.2
WNW	.4	.9	.3									1.7	4.9
NW	1.0	1.1	.7	.1								2.9	5.2
NNW	1.3	1.1	.6	.6								4.2	5.3
VARBL													
CALM												25.0	
	19.0	29.1	20.2	5.9	.9							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 697

CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-22 STATION FORBES FLD MS STATION NAME 63-70, 73-74 YEARS SEP MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.9	2.5	.7								6.9	5.6
NNE	.5	.8	1.3	.3								3.3	7.0
NE	.5	1.2	.6	.1								2.5	5.2
ENE	1.2	1.3	.7									3.2	4.7
E	1.7	2.2	1.5									4.7	5.5
ESE	1.2	1.2	1.5									4.5	5.0
SE	1.5	3.0	2.2	.8								7.8	6.0
SSE	1.5	3.1	3.5	.9	.1							7.3	6.7
S	2.6	3.0	6.2	3.0	.3							15.2	7.9
SSW	1.1	1.9	2.3	1.5	.2							7.0	7.7
SW	1.1	.8	.9	.1								.9	5.2
WSW	.6	.3	.1									1.0	3.7
W	1.7	.7	.8	.1								2.5	5.4
WNW	.1	.9	.3	.2								1.6	6.5
NW	.7	1.7	.9	.2								3.7	5.4
NNW	1.6	2.6	1.3									5.5	4.9
VARBL													
CALM												19.1	
	18.1	27.7	26.6	7.9	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 896

ALIPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1752 STATION FORBES FLD KS STATION NAME 63-70.73-74 YEARS SEP MONTH 1900-1900 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.1	4.6	1.7								1.1	7.7
NNE	.2	.3	2.7	1.0								4.7	8.4
NE	.3	1.5	1.1	.2								3.7	5.9
ENE	.4	1.3	1.0									2.8	5.8
E	1.1	1.7	2.8	.8								6.4	6.7
ESE	.6	.9	1.6	.8								3.7	7.5
SE	1.1	1.4	2.3	1.2	.2							8.4	7.7
SSE	.7	1.8	3.0	2.0	.1							7.6	8.3
S	1.5	2.5	6.9	6.1	1.5							13.1	9.9
SSW	.5	1.1	4.1	4.0	.6							15.6	10.1
SW	.8	1.4	2.3	.8	.1							5.5	7.6
WSW	.9	1.1	.9									2.8	5.2
W	1.0	1.2	.9	.2								3.3	5.6
WNW	.3	1.0	1.0									2.3	6.5
NW	.3	1.4	1.2	.4								3.5	6.9
NNW	.6	1.6	1.6	.6								4.2	7.2
VARBL													
CALM												5.5	
	11.8	22.9	38.0	19.8	2.0							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 897

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 21 STATION NAME FORBES FLD MS YEARS 63-70, 73-74 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	4.6	2.7								9.0	5.9
NNE	.7	1.4	3.3	1.0								6.4	7.7
NE	.2	.8	1.3	.3								3.3	6.3
ENE	1.0	1.6	1.6	.3								4.4	6.3
E	1.0	1.6	3.6	.3								5.4	6.9
ESE	.4	2.1	1.3	.7								4.6	6.8
SE	1.6	1.4	1.6	.8	.2							6.6	6.7
SSE	.8	1.7	2.6	3.6	.1							6.7	9.3
S	.9	1.9	6.2	9.4	1.6	.1						19.9	11.1
SSW	.5	.9	2.8	3.4	1.0	.1						8.7	11.3
SW	.4	.9	1.2	.8								3.3	7.9
WSW	.7	1.4	.8	.7	.1							3.7	6.7
W	.6	.8	1.1	.8								3.2	7.2
WNW	.2	.6	.8	.1								1.7	6.4
NW	.7	1.0	1.6	.8								4.0	7.5
NNW	.6	1.2	1.7	1.0								4.4	7.9
VARBL													
CALM												2.7	
	11.4	20.3	35.7	26.7	3.0	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1492 STATION FORBES FLD KS STATION NAME 63-70,73-74 YEARS SEP
CLASS ALL WEATHER MONTH 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.7	5.9	1.8	.1	.1						11.5	2.2
NNE	.2	1.6	3.2	.8								5.8	7.9
NE	.4	1.2	1.0	.2								2.9	6.1
ENE	.9	1.7	1.9	.3								4.8	6.5
E	1.2	2.9	2.7	.9								7.5	6.7
ESE	.8	1.3	1.2	.1								3.5	5.6
SE	.9	1.9	2.6	.9	.1							6.4	7.4
SSE	.7	1.8	3.7	4.4	.2							10.7	9.6
S	1.2	2.0	4.8	9.4	1.9							19.3	11.0
SSW	.9	1.2	1.5	2.5	.4	.2						6.7	9.9
SW	.2	1.0	1.2	.3								2.8	7.7
WSW	.6	1.1	.7	.2								2.6	5.9
W	1.1	.4	.8	.2								2.9	5.3
WNW	.3	.6	1.3	.1								2.3	6.6
NW	.3	.6	1.1	.4								2.5	7.5
NNW	.3	1.0	2.0	.7	.1							4.1	8.3
VARBL													
CALM												3.7	
	10.9	23.4	35.6	23.2	2.9	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 112 FOZBES FLD KS STATION NAME 63-70.73-74 YEARS SEP MONTH 1970-2000
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.8	2.4	.3	.3	.1						7.6	6.3
NNE	1.2	2.2	.7	.3								5.0	4.9
NE	1.5	2.1	.1	.2								4.0	4.6
ENE	1.3	1.2	1.3	.1								4.0	5.3
E	2.3	2.7	2.0									7.0	4.8
ESE	2.6	1.3	1.2									5.1	4.2
SE	2.4	5.5	3.5	.3								11.7	5.4
SSE	1.1	4.5	5.5	1.7	.2							12.8	7.4
S	1.9	3.2	5.5	2.4	.1							13.1	7.7
SSW	.7	1.3	.6	.2	.2							5.0	6.9
SW	.7	.7	.7	.1								2.1	5.7
WSW	.8	.3	.1									1.7	3.7
W	.2	.4	.3									1.1	4.9
WNW	.6	.3	.2									1.1	4.1
NW	.4	.7	.2									1.7	3.7
NNW	1.7	1.3	.4	.3								5.5	4.7
VARBL													
CALM												15.1	
	22.9	32.1	24.7	6.1	.9	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 398

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ST. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-2 STATION FORBES FLD KS STATION NAME 63-70, 73-74 YEARS 2-6 MONTH 100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	1.3	.9	.1							1.5	2.4
NNE	1.0	1.2	1.2									3.5	2.4
NE	1.4	1.1	.5	.1	.1							3.6	5.3
ENE	2.1	1.4	.7	.3								4.5	4.5
E	2.7	.9	1.0	.3								4.9	4.5
ESE	1.0	3.1	.7									5.7	4.3
SE	2.0	5.2	2.7	.6								11.4	5.4
SSE	1.0	3.5	3.5	1.6	.3							15.7	7.3
S	1.7	3.1	5.0	2.4	.3							18.5	5.1
SSW	.9	1.3	1.7	.4	.3							4.7	7.5
SW	.4	1.3	.6									3.3	4.9
WSW	.7	.4	.2									1.3	4.3
W	.3	.6	.1									1.0	4.7
WNW	.2	.3	.6									1.1	5.9
NW	.0	.9	.5									3.5	4.7
NNW	.7	1.1	.7	.2								2.7	5.1
VARBL													
CALM												21.0	
	21.0	28.4	21.4	6.9	1.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 596

JOINT CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION FORES FLD KS STATION NAME 63-70.73-74 YEARS SEP
MONTH ALL
CLASS ALL
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND S.P.
N	1.7	2.1	3.1	1.1	.1	.0						7.5	7.2
NNE	.7	1.4	1.8	.5								1.3	6.9
NE	1.7	1.3	.7	.2	.0							1.2	5.6
ENE	1.3	1.3	1.0	.2								3.0	5.5
E	1.8	2.0	1.9	.3								5.2	5.6
ESE	1.7	1.7	1.1	.2	.7							4.4	5.4
SE	1.8	3.4	2.3	.6	.1							5.1	5.9
SSE	1.4	2.0	3.4	2.0	.2							9.7	7.6
S	1.5	2.7	5.7	4.9	.3	.0						15.6	9.4
SSW	.2	1.5	2.2	1.7	.4	.7						6.7	8.2
SW	.8	1.2	1.0	.4	.7							3.4	6.3
WSW	.1	.8	.4	.1	.7							1.9	5.1
W	.7	.8	.5	.2								2.2	5.7
WNW	.1	.7	.6	.1								1.7	5.9
NW	.7	1.1	.0	.3								2.2	5.9
NNW	1.1	1.4	1.2	.4	.0							4.1	6.2
VARBL													
CALM												14.5	
	17.0	26.0	27.8	13.0	1.6	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FLD KS STATION NAME 63-73.73-74 YEARS 1963-1974 MONTH NOV
CLASS ALL WEATHER HOURS (U.S.T.) 1000-2100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.9	1.3	.2							1.5	7.9
NNE	.2	.4	.3	.2								1.6	7.1
NE	.4	.2	.2	.2								1.1	6.1
ENE	.4	.3		.1								1.4	4.3
E	.2	.3	.3	.1								1.7	5.4
ESE	.6	1.4	.8	.3	.1							3.2	6.4
SE	1.1	2.4	1.9									5.4	5.5
SSE	1.5	2.5	2.7	1.5			.1					7.6	7.2
S	1.3	3.7	5.5	6.1	1.7	.6						14.2	9.3
SSW	.9	2.5	3.9	2.9								10.9	8.5
SW	1.4	1.2	.5	.5	.2							3.9	6.3
WSW	.2	.5	.2	.1								1.5	4.8
W	.5	.2	.2	.1								1.3	5.0
WNW	.4	1.7	1.2	.2								3.6	6.2
NW	.7	1.9	1.2	.4	.2	.1						4.7	7.2
NNW	2.6	2.5	1.7	1.3	.1							7.4	6.0
VARBL													
CALM												20.7	
	15.7	23.8	21.6	15.5	1.8	.8	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1420 FURBER FLD MS STATION NAME 63-70, 73-74 YEARS 261
MONTH 300-3500
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.7	1.0								2.9	6.7
NNE	.4	.6	.2	.3								1.6	6.1
NE	.2	.3	.3	.3								1.2	7.5
ENE	.7	.3	.1	.1								.9	4.8
E	1.7	.3	.4	.1								2.3	5.0
ESE	.5	1.3	1.2	.1								3.1	5.2
SE	1.4	2.6	1.4	.3								5.7	5.7
SSE	1.6	3.2	2.0	1.4								8.3	6.6
S	2.0	3.0	6.6	5.0	1.0	.3						17.9	9.4
SSW	1.7	1.9	2.5	2.6	.5		.1					8.5	9.1
SW	1.5	1.4	.8	.3	.3							4.3	6.1
WSW	.4	.5	.1									1.3	3.9
W	.5	.3	.2	.1	.1							1.3	6.4
WNW	.8	1.8	.9	.1								3.6	5.6
NW	2.3	1.5	1.5	.9	.2	.1						6.5	6.5
NNW	1.7	2.0	1.5	.8								6.0	5.9
VARBL													
CALM												21.7	
	17.1	23.7	21.4	13.3	2.2	.4	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 929

CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 020 FOXBIS FLD KS STATION NAME 63-73.73-74 YEARS OCT
MONTH 1600-0800
CLASS ALL WEATHER
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.6	1.8	1.3	.1							6.5	7.0
NNE	.1	.9	.6	.3								1.9	6.3
NE	.3	.2	.4									1.0	5.5
ENE	.2	.2		.1								.5	5.2
E	.4	1.5	.1									2.0	4.4
ESE	.2	1.2	1.5	.2								3.7	6.2
SE	1.1	2.3	2.4	.6	.1							6.5	6.4
SSE	1.3	3.9	2.5	1.4								9.2	6.7
S	1.0	3.3	6.2	6.3	1.6	.3						19.8	9.9
SSW	1.0	1.5	2.4	2.5	.5							8.4	8.9
SW	.2	1.3	.4	.2								1.6	6.2
WSW	.2	.6	.2									1.1	4.9
W	.2	1.0		.1	.1							1.4	6.2
WNW	.5	1.7	1.9	.2	.2							4.6	7.3
NW	1.4	2.5	1.7	1.1	.1							7.0	6.6
NNW	1.3	1.3	1.3	.5	.1							4.5	6.7
VARBL													
CALM												19.7	
	13.3	25.3	23.5	14.9	2.9	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1002 BOARDS FLD KS STATION NAME 63-70, 73-74 YEARS 63-70, 73-74 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	3.2	2.7	.1	.1						7.7	9.7
NNE	.5	1.1	1.6	.2								3.4	6.6
NE	.1	.6	.9	.1								1.3	6.6
ENE	.1	.3	.4	.1								1.0	6.6
E	.5	.4	.9	.4								2.4	6.8
ESE	.5	.6	1.6	.3								3.3	6.7
SE	.4	1.0	2.4	.9								4.6	7.9
SSE	.2	1.2	3.5	3.2	.4							7.2	9.3
S	.2	2.2	4.8	9.8	2.4	.8						21.5	12.0
SSW	.2	1.1	3.9	5.4	1.0	.6	.1					12.3	11.4
SW	.5	1.4	1.3	1.7	.3	.1						5.5	9.2
WSW	.5	1.1	.6		.1							2.4	5.9
W	.4	1.0	1.3	.1								2.5	6.4
WNW	.4	.4	1.2	.9	.1							3.0	9.0
NW	.3	1.2	2.8	1.9	.3							6.6	9.6
NNW	.2	1.4	2.8	2.9	.2							7.6	9.5
VARBL													
CALM												4.3	
	7.8	17.3	33.2	30.6	4.9	1.6	.1					170.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11-2 FURBER FLD KS STATION NAME 63-70, 73-74 YEARS OCT
CLASS ALL WEATHER MONTH 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	3.9	4.0	.4							10.0	10.2
NNE	.4	.9	1.1	.5	.1							2.9	7.7
NE	.2	.4	.8									1.9	6.2
ENE	.0	.4	.4	.1								1.5	5.6
E	.0	1.0	1.2	.1								3.1	5.9
ESE	.2		.5	.3								1.1	5.8
SE	.6	1.3	1.7	.8								4.5	7.1
SSE	.6	1.6	2.0	2.7	.5							7.5	9.8
S	.7	2.0	5.9	8.5	4.6	1.0	.2					22.6	13.0
SSW	.6	1.3	3.2	4.5	1.3	.3	.1					11.4	11.6
SW	.4	1.1	1.9	1.9	.5	.2						6.1	10.8
WSW	.5	1.5	.3	.3								2.7	5.9
W	.3	1.4	1.6	.4								4.2	6.5
WNW	.5	1.1	1.1	.8	.5							4.0	9.2
NW	.1	1.5	2.2	1.7	.8							6.2	10.3
NNW	.5	1.7	1.9	3.7	.2	.1						7.4	10.4
VARBL													
CALM												2.9	
	7.8	18.2	29.8	30.3	9.0	1.6	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1762 STATION FORBES FLD MS STATION NAME 63-71.73-74 YEARS OCT MONTH 1500-1700 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	3.5	4.1	.1							10.3	7.9
NNE	.5	.6	.6	.5								2.4	7.0
NE	.4	1.2	1.2									2.0	6.3
ENE	.2	.2	.9									1.2	6.7
E	.6	.8	1.1	.1								2.0	6.2
ESE	.5	1.2	.6	.1								.3	5.6
SE	.3	1.2	1.9	.5	.1							4.0	7.2
SSE	.1	1.2	3.3	3.3	.8	.1						8.8	11.0
S	1.1	2.9	4.5	2.2	3.8	.8						21.2	12.0
SSW	.4	1.7	3.8	2.3	.6	.3						7.1	10.0
SW	1.1	1.2	1.4	1.5	.3	.2						5.7	9.1
WSW	.4	.6	.6	.5		.1						2.4	8.0
W	1.2	1.2	1.5	.4		.1						4.2	6.7
WNW	.4	.2	1.1	.8	.2							3.3	8.6
NW	.5	1.5	2.7	1.9	.3							7.0	9.2
NNW	.4	1.4	3.9	1.0	.2							7.7	6.8
VARBL													
CALM												4.4	
	2.6	19.9	32.6	26.1	6.8	1.6						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1112 FOODS FLD KS STATION NAME 63-70, 73-74 YEARS 201
NORTH
CLASS ALL WEATHER 1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	2.8	1.9	.1							4.9	7.3
NNE	1.7	.4	.3	.1								1.5	4.4
NE	.6	.8	.5	.1								2.0	5.4
ENE	.2	.5	.1									.9	4.5
E	.5	1.2	.6									2.6	4.3
ESE	1.1	3.7	1.2	.1								5.4	5.4
SE	1.3	4.3	1.9	.4								8.0	5.9
SSE	1.3	4.5	3.5	2.6								11.9	7.4
S	2.3	4.8	3.2	4.3	1.2	.2						15.0	8.9
SSW	1.2	1.9	1.7	.9	.2							5.9	6.9
SW	1.0	1.1	.3	.2	.2							3.8	5.1
WSW	1.0	.5	.3	.1		.1						2.0	5.2
W	2.0	.9	.3		.1	.1						3.4	4.6
WNW	.8	.5	.3	.1								1.7	4.6
NW	1.3	1.5	.9	.1	.2							4.0	5.7
NNW	.9	2.2	1.8	1.3								6.1	7.1
VARBL													
CALM												15.5	
	12.4	30.4	20.0	12.3	2.0	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FO-BES FLD MS STATION NAME 63-70, 73-74 YEARS OCT
CLASS ALL WEATHER MONTH NOV-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	2.8	1.7	.2							5.0	7.9
NNE	.3	.1	.5	.2								1.2	7.4
NE	.3	.6	.6	.2								1.3	6.4
ENE	.7	.2	.1									.6	4.0
E	.6	.5	.5	.1								1.8	5.4
ESE	.2	1.8	.8	.3								3.1	6.3
SE	1.5	3.9	2.2	.6								4.2	5.5
SSE	1.5	2.9	3.8	1.5	.2							10.0	7.5
S	1.4	3.8	5.3	5.4	1.3	.2						17.3	9.7
SSW	1.2	2.3	2.2	.2	.1							7.8	7.9
SW	2.0	1.0	1.0	.2	.1							4.3	5.2
WSW	1.0	.9	.3	.2								2.4	4.7
W	.8	1.2	.2		.1							2.3	5.1
WNW	.3	1.1	.2	.1	.1							1.8	5.9
NW	1.8	2.0	.1	.5	.1	.2						4.3	5.8
NNW	1.1	2.3	.9	1.3								5.5	7.0
VARBL													
CALM												19.0	
	16.0	26.2	21.4	14.6	2.3	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11.2 STATION FORBES FLD KS STATION NAME 63-73, 73-74 YEARS 2CT MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	2.7	2.2	.2	.0						7.9	5.5
NNE	.4	.6	.7	.3	.0							2.1	6.7
NE	.3	.7	.6	.1								1.7	6.2
ENE	.2	.4	.2	.1								1.0	5.3
E	.7	.9	.6	.1								2.3	5.6
ESE	.6	1.3	1.0	.2	.0							3.1	6.1
SE	1.0	2.4	2.0	.5	.0							6.0	6.3
SSE	1.1	2.6	2.9	2.2	.2	.0	.0					9.1	6.1
S	1.5	3.3	5.3	6.7	2.1	.5	.0					19.4	10.7
SSW	.9	1.8	2.9	2.9	.5	.2	.0					9.2	9.6
SW	1.2	1.2	1.0	.8	.3	.1						4.4	7.7
WSW	.0	.8	.3	.2	.0	.0						2.0	5.6
W	.8	.9	.7	.2	.1	.0						2.6	6.0
WNW	.5	1.2	1.0	.4	.1							3.2	7.3
NW	1.1	1.7	1.6	1.1	.3	.1						5.8	7.8
NNW	1.1	1.7	1.9	1.7	.1	.0						6.5	7.9
VARBL													
CALM												13.5	
	13.2	23.1	25.5	19.7	4.0	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7438

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION FORBES FLD KS STATION NAME FORBES FLD KS YEARS 63-74, 73-74 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	3.4	2.7	.1							6.4	6.9
NNE	.3	1.3	1.1	.4								3.2	7.1
NE	.6	.8	.7									2.0	5.5
ENE	.4		.2									.7	4.0
E	.4	.4	.4	.1								1.4	5.5
ESE	.1	.3	.6									1.0	7.1
SE	1.2	2.3	1.4	.2								3.2	5.6
SSE	1.0	1.3	1.7	.6								4.0	6.4
S	1.0	2.0	4.7	5.3	.3	.1						15.4	9.6
SSW	1.0	1.7	3.6	2.8	.2							9.2	8.8
SW	.7	1.8	.9	.8								4.1	6.8
WSW	.7	.4	.1	.2								1.4	5.4
W	1.0	1.2	.2									2.4	3.9
WNW	1.2	2.0	1.1	.2								4.6	5.2
NW	1.9	3.2	3.6	.8	.1							9.6	6.6
NNW	1.2	2.6	2.3	1.2	.1	.2						7.7	7.4
VARB													
CALM												21.0	
	13.8	22.7	26.0	15.3	.9	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1012 STATION FORBES FLD KS STATION NAME 63-70.73-74 YEARS NOV MONTH 1300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	3.6	2.3	.6							.1	9.0
NNE	.5	1.2	1.2	.1	.1	.1						3.3	7.2
NE	.7	.1	.8									1.2	6.4
ENE	.1	.3	.2									.7	5.8
E	.3		.3	.1								1.2	5.0
ESE	.2	.0	.2	.2								1.6	6.0
SE	1.8	1.5	.8	.3								4.4	4.9
SSE	1.7	2.0	1.4	.6								5.7	5.6
S	1.7	3.7	4.6	5.0	.6							15.0	9.2
SSW	1.1	1.4	2.9	2.2	.4							.1	6.8
SW	1.7	1.8	.7	.4	.2	.1						4.2	6.9
WSW	1.1	.4	.2	.2								2.0	5.1
W	.7	.2	.2		.1							1.7	5.1
WNW	1.2	2.7	2.7	.3								6.2	5.8
NW	1.9	3.4	3.8	.6	.2							9.9	6.4
NNW	1.2	1.6	1.4	.6	.4		.1					5.3	7.9
VARBL													
CALM												20.1	
	16.0	23.3	24.3	13.0	2.9	.2	.1					104.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FORBES FLD KS STATION NAME 03-70, 73-74 YEARS NOV
MONTH 0600-0800
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	3.2	2.0	.3	.2						7.7	7.5
NNE	.6	1.3	1.2	.4								3.6	6.6
NE	.4	.3	.5									1.7	4.8
ENE	.2	.2	.3									.9	4.8
E	.6	.3	.4									1.3	5.0
ESE	.4	.3	.1	.3								1.2	6.0
SE	1.4	2.4	.8	.2								4.9	4.9
SSE	1.2	2.9	1.1	.8								6.0	6.0
S	1.2	4.9	4.7	4.9	1.7	.7						17.7	8.8
SSW	1.4	1.4	3.4	1.9	.1							5.3	7.8
SW	1.2	.3	.3	.2								1.2	5.1
WSW	.3	.5	.3	.4								1.9	6.9
W	1.1	1.4	1.1	.1								3.6	5.2
WNW	1.2	2.4	1.4	.2								5.3	5.7
NW	1.6	4.7	2.4	1.1	.2							7.3	6.7
NNW	1.5	1.9	2.2	2.0	.4	.2						6.2	6.5
VARBL													
CALM												15.0	
	16.5	26.1	23.8	14.7	2.1	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FORBES FLD KS STATION NAME 63-76, 73-74 YEARS NOV MONTH 1960-1961 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	4.2	2.8	.6	.1						1.2	4.4
NNE	.4	1.1	1.2	.6								2.9	7.2
NE	.2	.7	1.4									2.3	6.7
ENE	.7	.7	.9									1.8	6.4
E	.7	1.1	.7									2.7	6.0
ESE	.3	1.2	.7	.2								2.4	6.2
SE	.1	1.1	1.1	.4								2.4	7.4
SSE	.7	1.1	1.9	.6								4.4	7.2
S	1.7	2.3	7.8	5.3	1.5	.9						17.6	10.6
SSW	.4	2.7	4.6	4.7	1.2	.7						13.1	10.9
SW	.4	.7	1.6	.8	.2							3.9	6.7
WSW	.6	.9	.4	.2								2.1	5.3
W	.5	1.4	1.4	1.1								4.6	7.7
WNW	.3	1.3	2.4	.8								4.9	7.3
NW	.6	1.3	4.3	2.8	.6	.2	.1					10.3	10.1
NNW	.3	2.4	2.9	1.8	.7	.6						6.7	10.2
VARBL													
CALM												4.2	
	9.8	21.9	36.0	22.2	4.8	2.0	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 950

CLIPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13520 STATION FORCES FLD KS STATION NAME 63-70, 73-74 YEARS NOV MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	3.7	2.8	.2	.1						10.1	4.7
NNE	.7	1.1	1.6	.6								1.1	7.4
NE	.2	.	1.7									1.7	5.4
ENE		.7	.4									.7	7.1
E	.1	.6	.2									1.7	4.3
ESE	.1	.7	.6	.1								1.4	6.3
SE	.4	.8	1.8	.6								3.6	7.4
SSE	.1	1.2	1.7	1.1								4.4	7.7
S	.4	2.2	5.7	4.6	1.3	.9						15.8	11.3
SSW	.2	.7	2.8	4.7	2.7	.2						11.3	12.1
SW	.7	1.4	2.3	2.8	.3							5.7	9.3
WSW	.7	1.7	1.1	1.8								3.4	6.4
W	.4	1.4	1.6	.6								4.3	7.3
WNW	.2	1.4	1.9	.7	.1							4.3	4.3
NW	.1	2.7	4.9	7.9	1.1	.7						12.6	11.4
NNW		1.7	4.3	3.7	.8	.7	.1					11.1	11.3
VARBL													
CALM												2.8	
	.1	20.7	37.3	24.3	6.7	2.7	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

U.S. NAVAL CLIMATOLOGY BRANCH
NAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 042 FORBES FLD MS STATION NAME 63-70, 73-74 YEARS 40 MONTH 1500-1700
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.6	3.2	.4	.1						3.7	9.4
NNE	.2	1.2	1.7	.4	.1							3.7	7.8
NE	.1	1.1	.4									1.7	5.7
ENE	.0	.6	.6									1.2	4.4
E	.4	.6	.2									1.2	4.5
ESE	.2	.7	.7									1.6	6.1
SE	.4	1.2	1.6	.3								4.1	6.5
SSE	.4	2.0	3.6	1.3								5.2	7.5
S	.7	2.3	4.6	5.1	1.3	.7						14.3	11.3
SSW	.3	1.2	2.1	2.4	.6	.2						6.5	10.7
SW	.5	.7	2.3	1.2	.3	.1						5.5	9.6
WSW	.2	1.1	.7	.1								2.1	6.0
W	.8	1.4	2.0	.6								4.8	7.2
WNW	.3	1.3	.9	1.2	.2							4.0	6.4
NW	2.0	1.3	4.7	2.6	.6							11.1	3.5
NNW	.4	1.8	4.0	4.2	1.6	.3						13.3	11.1
VARBL													
CALM												6.5	
	2.9	21.5	33.5	22.8	5.1	1.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 899

U. S. NAVAL CLIMATOLOGY BRANCH
 STAG
 WEATHER SERVICE/MAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FORREST FLD MS STATION NAME 63-70, 73-74 YEARS NOV
 MONTH 1960-2000
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	4.6	2.3	.3							11.3	5.1
NNE	1.3	.7	1.2	.3								3.2	4.6
NE	.5	.7	.4	.1								.3	4.9
ENE		.4										.4	4.7
E	1.2	.4	.4									.1	4.3
ESE	.3	.9	1.3	.1								3.1	6.3
SE	.9	3.1	1.7	.2								.9	6.0
SSE	.9	4.1	4.1	1.0								10.1	7.1
S	2.2	3.0	4.0	2.6	.5	.2						12.3	8.4
SSW	.7	1.3	1.6	.9								.9	7.3
SW	.7	1.3	.2	.6								3.0	5.5
WSW	.9	2.3	.3									.5	4.4
W	1.3	1.4	.7									.4	4.5
WNW	2.1	1.3	.6									.4	4.3
NW	1.5	.9	1.7	1.3								5.7	7.1
NNW	1.1	1.7	2.3	3.0	.1							6.7	6.3
VARBL													
CALM												15.7	
	17.9	27.0	25.6	12.4	1.2	.2						101.0	5.3

TOTAL NUMBER OF OBSERVATIONS 920

1 AL CLIMATOLOG RANCH
 CTAC
 A WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 FAIRBANKS STATION NAME FAIRBANKS YEARS 63-71, 73-74 MONTH 4
 CLASS ALL WEATHER
 HOURS (L.S.T.) 100-2500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	3.2	2.2	.4							.7	1.8
NNE	.3	.0	2.6	.2								.1	7.3
NE	.0	.1	.7									1.0	6.5
ENE	.0	.3	.6									1.0	4.7
E	.0	.0	.7	.1								.0	5.7
ESE	.0	.0	.6	.1								1.0	5.4
SE	.0	2.4	1.0	.8								.1	5.7
SSE	.0	2.2	2.9	.7								.0	6.3
S	1.0	3.1	4.8	4.7	1.0							1.0	5.1
SSW	.0	1.1	2.1	2.2	.1	.2						1.5	5.6
SW	.0	1.0	1.0	.7								.3	6.6
WSW	.0	1.2	.1									.1	4.1
W	1.0	1.3	.4									.1	4.1
WNW	.0	1.2	.9	.2								.3	5.6
NW	1.0	2.6	1.9	1.0								1.0	5.4
NNW	1.0	1.9	3.6	1.9	.3							.1	5.0
VARBL													
CALM												1.0	
	1.0	23.2	26.2	14.8	1.9	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1392

FORBES FLD KS

63-70; 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	3.7	2.6	.4	.1						5.3	9.1
NNE	.5	1.1	1.5	.4	.0	.0						3.6	7.2
NE	.4	.6	.8	.0								1.9	5.9
ENE	.4	.4	.4									1.1	5.0
E	.7	.5	.4	.0								1.7	4.9
ESE	.4	.7	.6	.1								1.8	6.1
SE	1.0	1.7	1.3	.4								4.6	5.9
SSE	1.0	2.2	2.3	.8								5.3	6.8
S	1.4	2.9	4.8	4.7	1.1	.4						15.2	9.8
SSW	.8	1.4	2.9	2.7	.6	.1						8.6	9.8
SW	.8	1.3	1.2	.8	.1	.0						4.2	7.7
WSW	.6	1.1	.4	.3								2.3	5.8
W	.9	1.3	1.0	.3	.0							3.5	5.8
WNW	1.0	1.4	1.4	.5	.0							4.6	6.4
NW	1.4	2.4	3.4	1.7	.3	.1	.0					9.4	8.2
NNW	.9	1.9	2.9	2.3	.6	.2	.0					8.9	9.4
VARBL													
CALM												12.8	
	13.1	23.2	28.9	17.7	3.2	1.0	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

7197

ALL CLIMATOLOGICAL DATA

STA

WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION F BLS FLD MS STATION NAME 7-70, 73-74 YEARS 1970-1974

CLASS ALL WEATHER

CONDITION

MONTH 000-0200

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.6	3.5	.5							.3	1.0
NNE	1.0	.5	1.0	.4	.1							.3	5.3
NE	.0	.1	.0	.3								.0	.7
ENE	.0	1.4	.4	.1								.0	4.0
E	.0	1.1	1.1	.5								3.4	6.3
ESE	.0	1.1	.0	.3								.0	5.9
SE	.1	2.4	.6									.1	4.6
SSE	.0	1.3	1.5	.1	.1							.0	7.7
S	.1	3.3	4.4	3.4	1.0							1.0	7.0
SSW	.0	2.3	2.4	2.3	.2	.2						.0	5.9
SW	1.2	.0	.0	.3								.0	5.4
WSW	.0	.0	.0		.0							.2	5.1
W	.0	1.2	.6	.2	.6	.1						3.0	5.4
WNW	.0	1.3	1.1	.5	.1							3.0	7.0
NW	1.0	2.0	2.0	1.6	1.0	.2						.0	5.7
NNW	1.0	1.0	1.7	2.3	.5	.1						.6	5.7
VARBL													
CALM												1.0	
	1.3	23.3	22.6	18.1	4.3	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1000

NAVAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ED BES FLD KS STATION NAME ED BES FLD KS YEARS 63-70, 73-74 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 300-0500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	3.0	4.7	.4							10.4	3.4
NNE	.	1.0	.4	.9								2.0	1.7
NE	.0	.	.5	.2								1.0	1.0
ENE	.0	.0	1.3									1.02	1.6
E	.	1.1	1.7	.4								4.07	0.9
ESE	.	.	.5	.3								2.0	0.0
SE	1.0	1.0	1.2	.9								.3	2.3
SSE	1.1	1.0	.6	.5								.0	0.6
S	1.0	3.2	3.8	4.7	.9	.1						14.2	7.4
SSW	.	1.3	1.0	1.2	.2							.4	0.2
SW	.	1.0	.2	.4								.3	1.3
WSW	.4	.	.3	.1	.1							1.0	0.0
W	.	1.0	.6	.1	.1	.1						1.07	0.6
WNW	.	2.3	1.0	1.4	.3	.3						1.01	1.7
NW	1.3	2.0	2.0	1.5	.4							.2	1.5
NNW	.	1.0	3.0	2.9	.5							.0	1.0
VARBL													
CALM												1.0	
	1.2	23.4	25.3	19.6	3.0	.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE CLIMATOLOGICAL BRANCH
 AFMTC
 AIR WEATHER SERVICE TAMA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 F. BES FLD KS STATION NAME 3-70, 73-74 YEARS 0-1
 CLASS ALL WEATHER MONTH 000-0000
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	2.1	2.6	.6	.2						.7	9.4
NNE	.1	.	1.8	.8	.1							1.3	.9
NE	.1	1.1	.8	.2								2.1	6.1
ENE	.3	.	.5	.1								1.7	6.1
E	.3	1.1	.6	.5	.1							3.1	7.0
ESE	.1	1.1	.7	.2								2.1	6.3
SE	1.1	1.1	1.7	1.2	.2							.1	7.2
SSE	1.1	2.2	.3	1.2								6.1	6.4
S	1.1	3.3	2.9	3.7	1.1	.2						12.7	9.2
SSW	.	1.7	1.7	1.5	.1							5.7	7.9
SW	.2	1.1	.3	.4	.1							.1	5.7
WSW	.	1.0	.2	.1	.2							1.1	7.1
W	.	1.1	.8	.3	.2							2.1	7.1
WNW	.	1.6	1.6	1.1	.6	.3						.1	9.1
NW	.1	3.3	3.3	1.6	.2							.	7.1
NNW	.	1.1	2.0	3.7	.5							.1	1.0
VARBL													
CALM												1.4	
	1.1	25.6	24.4	19.7	4.2	.8						100.1	6.5

TOTAL NUMBER OF OBSERVATIONS 100

AL CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 STATION NAME FOBES FLD MS YEARS 63-70, 72-74 MONTH 07
 CLASS ALL WEATHER
 HOURS (L.S.T.) 000-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.0	5.3	4.7	.4	.1						1.0	7.5
NNE	.	1.1	2.3	.5								.2	7.5
NE	.	1.1	.6	.5								.2	7.0
ENE	.	.1	.2	.1								.2	4.0
E	.	1.1	1.1	.6								.4	7.1
ESE	.	1.4	1.7	.3								.1	6.7
SE	.	1.1	2.2	.5								.1	7.3
SSE	.	1.8	3.4	2.0	.2							.1	6.9
S	.	2.4	4.0	4.2	.9	.3						1.3	10.0
SSW	.	1.0	2.4	2.2	.9	.1	.1					.5	10.3
SW	.	1.2	1.5	.2		.1	.1					.0	7.8
WSW	.	1.1	1.2	.1								.2	5.0
W	.2	1.5	1.9	.5	.3							.5	7.0
WNW	.	.5	2.4	1.6	.4	.1	.1	.1				5.0	11.0
NW	.	1.6	3.5	2.7	.2	.1		.1				.6	7.9
NNW	.	1.3	3.0	3.0	.9							.5	7.0
VARBL													
CALM													
	.0	20.0	31.5	23.3	4.0	.9	.3	.2				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 122

CLIMATE BRANCH
 STAC
 WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION PHOENIX FLD MS STATION NAME 3-70, 73-74 YEARS 0:
 MONTH 10-14
 HOURS (L.S.T.) 0
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	2.	4.3	3.5	.5	.2						11.0	6.5
NNE	.1	1.	1.6	1.3								2.0	.1
NE	.	.1	.2	.5								1.0	7.0
ENE	.	.6	.4	.3								1.7	7.0
E	.1	.	1.1	.5								2.4	6.9
ESE	.	1.	.5	.6								2.4	7.6
SE	.	.1	1.7	1.2								3.3	6.5
SSE	.	.6	2.7	1.9								3.6	6.1
S	.	1.7	4.6	4.4	.9	.1						12.4	10.2
SSW	.	1.5	3.2	3.2	1.1							10.1	10.5
SW	.	.	1.3	.8	.2	.1	.1					4.4	7.3
WSW	.	.	2.	.6								.1	7.6
W	.1	2.4	1.3	.8	.1	.1						.1	7.0
WNW	.	1.	2.4	1.9	.4	.5						5.7	10.0
NW	.	1.1	3.1	2.8	.6	.1	.3					6.0	10.7
NNW	1.	1.2	2.9	3.2	1.1	.3						10.2	10.2
VARB													
CALM													
	1.8	0.3	33.4	27.7	4.9	1.5	.4					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 100

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 FORTRES FLD KS 73-74 73-74 ALL WEATHER 0-1700
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	2.3	4.3	2.0	.5	.2						11.3	9.1
NNE	.	1.0	1.6	1.1								3.7	.3
NE	.	.3	.	.3								1.0	0.1
ENE	.	1.1	.2	.3								1.6	0.4
E	.	.	2.0	.4								2.4	7.4
ESE	.	.	1.3	.9								2.4	7.5
SE	.	2.0	1.3	.5								4.7	5.3
SSE	1.0	1.0	2.6	1.1								5.7	7.3
S	.1	3.5	4.7	3.3	.9							13.5	8.8
SSW	.	2.4	2.4	1.7	.6							7.5	8.7
SW	.2	.	1.0	.9	.1							3.2	.7
WSW	.	.5	.8	.1								2.3	5.3
W	1.2	2.0	1.2	.5	.1							5.0	6.7
WNW	.	.6	1.4	.9	.5	.3						3.2	10.7
NW	.	2.0	3.1	2.9	1.5	.2	.1					8.0	10.6
NNW	.	1.2	2.0	2.0	.5							7.6	9.0
VARBL													
CALM												.	
	10.4	24.7	31.5	17.9	5.1	.8	.1					100.2	7.9

TOTAL NUMBER OF OBSERVATIONS 470

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 64-100
 AFM 64-100-1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION AFM 64-100-1 STATION NAME AFM 64-100-1 YEARS 3-70, 73-74 MONTH 0-10
 CLASS ALL DATA
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	3.9	2.7	.6	.1						1.3	.6
NNE	.1	1.1	1.3	.2	.1							.0	0.3
NE	.0	.0	.6	.5								0.2	1.2
ENE	.0	.2	.4									0.2	4.5
E	.0	1.0	1.0	.1								1.3	5.3
ESE	.0	1.0	1.5	.9								3.0	7.0
SE	1.0	3.0	1.4	.2								0.1	0.3
SSE	1.2	3.0	2.4	.5	.1							.02	0.4
S	.0	3.1	3.9	2.5	.9							1.3	0.3
SSW	1.0	2.3	.9	1.0								0.4	0.3
SW	.2	1.5	.9		.1	.1						1.0	5.8
WSW	.0	2.3	.6		.1							3.0	0.3
W	.2	1.5	.5									0.2	4.5
WNW	.0	2.4	.4	.2	.6	.2						.4	0.3
NW	.0	1.0	1.2	1.3	.4	.1						.3	0.7
NNW	1.0	1.0	1.2	1.6	.8	.2						.1	9.5
VARBL													
CALM												13.0	
	1.3	0.2	22.0	12.5	3.8	.8						100.0	0.3

TOTAL NUMBER OF OBSERVATIONS 27

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2 STATION NAME F. B. S. F. O. K. S. YEARS 63-74 MONTH 5
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1 0-2300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	2.7	2.7	3.2	.6							1.3	2.3
NNE	1.	1.1	1.2	.4								1.1	2.0
NE	.	.	.6	.5								2.	6.5
ENE	.	.4	.3	.1								1.2	5.7
E	.	.	1.2	.2								3.7	6.1
ESE	.	.	.6	.6								2.4	7.7
SE	1.	2.7	1.1	.2								.6	4.9
SSE	.2	2.4	1.2	.3								.1	7.4
S	1.7	2.7	4.6	3.6	.9							13.5	7.
SSW	.	2.2	1.6	1.6	.6	.2						7.2	3.4
SW	1.	1.5	.8	.4	.1	.2						.4	6.
WSW	1.	1.1	.2	.1	.1	.1						1.	5.8
W	.	1.	.4	.3	.1							.1	6.1
WNW	.	2.3	1.1	.6	.4							.4	7.2
NW	1.	1.8	2.2	1.1	.9	.1						.6	8.
NNW	1.4	.	1.5	2.2	.8							6.	7.
VARBL													
CALM												1.	
	1.	24.8	12.0	15.6	4.5	.6						1 5.0	6.5

TOTAL NUMBER OF OBSERVATIONS 927

AL CLIMATOLOGICAL BRANCH
STAC
EAT SE VICTOR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 F B S F D K STATION NAME ALL RATHER YEARS 3-7, 73-74 MONTH ALL
CLASS ALL
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	2.2	3.6	3.3	.	.1						1.8	4.7
NNE	.	1.	1.4	.7	.							.	2.1
NE	.	.7	.7	.4								1.2	1.1
ENE	.	.7	.5	.1								1.1	1.1
E	.	1.	1.2	.4	.							1.3	6.9
ESE	.	.	1.	.5								2.1	7.1
SE	.	2.	1.4	.6	.							.	6.3
SSE	.	2.	2.3	1.1	.1							.4	7.3
S	1.3	2.	4.2	3.7	.9	.1						11.1	7.2
SSW	.	1.9	2.1	1.8	.5	.1	.					1.1	6.9
SW	.	1.2	.	.4	.1	.1	.					3.	7.1
WSW	.	1.	.	.1	.1	.	.					.	1.1
W	.	1.	.9	.3	.2	.	.					.8	6.7
WNW	.	1.	1.5	1.1	.4	.2	.	.2				.6	1.1
NW	.	2.2	2.7	1.9	.7	.1	.1	.2				.6	1.1
NNW	.1	1.3	2.3	2.7	.7	.1						1.2	4.5
VARBL													
CALM												11.2	
	12.8	2.2	27.5	19.5	4.2	.8	.1	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1792 STATION FORBES FLD KS 83-70, 73-75 YEARS ALL MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	2.9	2.3	.4	.1	.0					3.6	8.8
NNE	.6	1.1	1.4	.6	.1	.0						3.3	7.4
NE	.6	1.0	.9	.3	.0	.0						2.7	6.4
ENE	.6	.9	.7	.2	.0	.0						2.4	6.2
E	1.1	1.4	1.3	.5	.0	.0						4.4	6.3
ESE	.3	1.7	1.2	.5	.0	.0						4.1	6.6
SE	1.1	2.5	1.8	.8	.1	.						5.3	6.7
SSE	.4	2.2	2.6	1.7	.3	.1	.0	.0				7.7	8.2
S	1.1	2.6	4.9	5.4	1.5	.4	.0					13.9	10.6
SSW	.7	1.7	2.7	2.8	.6	.1	.0	.0				9.5	10.0
SW	.7	1.1	1.1	.9	.2	.1	.0	.0				4.0	8.3
WSW	.5	.8	.5	.3	.1	.0	.0					2.2	6.8
W	.5	.9	.7	.3	.1	.0	.0	.0				2.7	6.9
WNW	.5	.7	.9	.6	.2	.1	.0	.0				3.1	8.1
NW	.9	1.5	1.7	1.4	.3	.1	.0	.0				5.9	8.7
NNW	.7	1.3	1.8	1.9	.4	.1	.0	.0				6.4	9.4
VARBL													
CALM												11.2	
	12.5	22.9	27.5	20.5	4.3	1.1	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 87596

ALCANTAROLLO BRANCH
TAC
ESTABLISHED SERVICE 1944

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION F. BLS FLD MS STATION NAME 3-70, 73-75 YEARS ALL
MONTH ALL
HOURS (L.S.T.) ALL

INSTRUMENT CIG 10 TO 1400 FT 4/ VSBY 1/2 MI OR MORE
CLASS ANY/OF VSBY 1/2 TO -1/2 MI 1/CIG 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	7.4	6.1	1.3	.2						.0	1.0
NNE	.	1.0	3.1	2.2	.2	.						.0	1.0
NE	.	2.0	2.5	.8	.							.0	1.0
ENE	.	2.0	2.2	.7	.							.6	1.0
E	.	2.3	2.2	1.5	.1							.8	1.0
ESE		1.3	2.0	1.1	.1	.						.2	1.0
SE		1.3	1.4	.9	.	.						.4	1.0
SSE	.	1.4	1.7	1.3	.1	.						.0	1.0
S	.	1.0	2.5	2.2	.7	.						.4	1.0
SSW	.	.5	1.3	1.0	.1	.						3.4	1.0
SW	.	.4	.4	.3	.	.0	.					1.4	1.0
WSW	.	.4	.3	.1	.0	.0	.					1.0	1.0
W	.	.	.6	.2	.1	.1	.	.				1.0	1.0
WNW	.	.6	.8	.6	.2	.	.	.				2.4	.9
NW	.	1.2	1.5	1.6	.4	.1	.	.				.2	1.0
NNW	.	1.0	2.4	2.4	.5	.2	.	.7				.0	1.0
VARBL													
CALM												.0	
	.8	.3	33.0	25.1	4.1	.7	.0	.0				100.0	0.3

TOTAL NUMBER OF OBSERVATIONS 23

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	≥ 0
NO CEILING														
1800														
1500					91.0									92.6
1200														
1000														
900														
800														
700														
600														
500										97.4				98.1
400														
300														
200														
100														
0					95.4		96.9			98.3				100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

1 2
STATION

FORBES FLD KS

STATION NAME

63-73, 74-75

YEARS

JAN

MONTH

0000-0200

HOURS (L.G.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 10000	46.8	64.3	64.1	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4000	47.1	64.3	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 2000	48.8	66.1	66.2	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1000	49.7	67.2	67.3	67.5	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 800	50.4	68.5	68.6	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 600	51.5	69.7	69.8	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 400	52.7	70.6	70.8	71.0	71.1	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 200	52.5	71.4	71.5	71.7	71.8	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 100	53.4	73.1	73.2	73.4	73.7	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 50	53.9	74.3	74.1	74.3	74.6	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 25	54.2	74.6	74.7	74.9	75.3	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 15	55.1	76.0	76.1	76.3	76.7	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 10	56.0	77.2	77.3	77.5	77.8	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 5	56.6	78.3	78.4	78.6	78.9	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 2	57.0	79.0	79.1	79.5	79.9	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 1	57.2	79.2	79.4	79.7	80.1	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 1/2	58.2	80.8	80.9	81.2	81.6	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 1/4	58.9	82.3	82.4	82.7	83.1	83.3	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 1/8	60.3	84.6	84.7	85.1	85.5	85.7	86.1	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 1/16	60.4	84.9	85.4	85.8	86.2	86.5	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.6
≥ 1/32	60.6	85.9	86.5	87.0	87.4	87.6	88.2	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.9
≥ 1/64	60.8	86.0	86.6	87.2	87.7	88.1	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.6
≥ 1/128	60.8	86.1	86.7	87.3	88.0	88.4	89.1	89.6	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.2
≥ 1/256	60.9	86.2	87.1	87.6	88.4	88.8	89.8	90.2	90.3	90.4	90.6	90.6	90.6	90.9	91.0	91.1
≥ 1/512	60.9	86.6	87.4	88.2	88.9	89.6	90.8	91.5	91.7	91.8	92.2	92.2	92.4	92.5	92.6	92.9
≥ 1/1024	60.9	86.6	87.4	88.2	89.4	90.0	91.6	93.0	93.5	93.9	94.3	94.3	94.5	94.8	94.9	95.4
≥ 1/2048	60.9	86.6	87.5	88.4	89.6	90.2	92.2	93.7	94.4	94.8	95.3	95.5	95.8	96.1	96.2	96.7
≥ 1/4096	60.9	86.6	87.5	88.4	89.6	90.2	92.3	94.0	95.1	95.7	96.2	96.5	97.0	97.3	97.8	99.0
≥ 1/8192	60.9	86.6	87.5	88.4	89.6	90.2	92.3	94.0	95.1	95.7	96.3	96.6	97.3	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17720

FORBES FLD KS

63-70,74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.5	58.7	58.8	58.8	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥2000	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥1800	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥1600	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥1400	43.0	60.2	60.3	60.3	60.4	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥1200	44.1	61.3	61.4	61.4	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2
≥1000	45.7	63.0	63.1	63.1	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
≥900	45.7	63.5	63.7	63.7	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥800	48.4	66.0	66.1	66.1	66.2	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9
≥700	48.7	66.6	66.7	66.7	66.8	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5
≥600	49.6	68.8	68.9	68.9	69.0	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
≥500	50.3	69.9	70.0	70.0	70.1	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9
≥450	50.5	70.3	70.4	70.4	70.5	70.5	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
≥400	51.4	72.4	72.5	72.5	72.6	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥350	52.2	73.7	73.9	73.9	74.0	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7
≥300	52.3	74.0	74.2	74.2	74.3	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1
≥250	54.3	76.9	77.1	77.1	77.2	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.0
≥200	55.8	78.8	79.0	79.0	79.1	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
≥180	55.9	79.2	79.5	79.5	79.6	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥150	56.6	80.5	80.8	80.8	81.0	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥120	57.1	81.5	81.7	81.7	81.9	81.9	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0
≥100	57.7	83.4	83.8	84.1	84.4	84.4	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
≥90	57.8	84.1	84.4	84.7	85.1	85.1	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.3
≥80	58.2	84.8	85.5	85.8	86.2	86.2	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.5
≥70	58.4	85.7	86.5	86.8	87.2	87.4	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.8
≥60	58.4	85.8	86.6	87.0	87.4	87.6	88.4	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	89.0
≥50	58.8	87.0	88.0	88.4	88.9	89.1	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.5
≥40	58.9	87.2	88.3	88.9	89.9	90.3	91.3	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8	92.0
≥30	59.9	87.6	88.7	89.5	90.5	91.0	92.2	92.8	93.2	93.3	94.0	94.0	94.1	94.1	94.1	94.6
≥20	59.9	87.6	88.7	89.5	90.6	91.1	92.6	93.3	94.0	94.2	95.3	95.4	95.7	95.7	96.0	96.6
≥10	58.9	87.6	88.7	89.5	90.8	91.2	92.9	93.8	94.4	94.8	96.0	96.5	96.9	97.0	97.3	98.2
≥0	58.9	87.6	88.7	89.5	90.8	91.2	92.9	93.8	94.4	94.8	96.1	96.7	97.1	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
STATEC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13421

FORBES FLD KS

63-70, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	38.5	55.6	56.6	56.8	57.1	57.1	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 2000	39.5	56.6	57.5	57.7	58.1	58.1	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1800	39.5	56.6	57.5	57.7	58.1	58.1	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1600	39.5	56.6	57.5	57.7	58.1	58.1	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1400	39.5	56.8	57.7	58.0	58.3	58.3	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 1200	39.7	57.1	58.1	58.3	58.6	58.6	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1000	42.9	60.8	61.8	62.0	62.4	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 900	42.9	60.9	61.9	62.2	62.5	62.5	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 800	45.3	63.7	64.7	64.9	65.3	65.3	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 700	46.1	64.6	65.7	65.9	66.2	66.2	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 600	46.7	66.2	67.4	67.6	68.0	68.0	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 500	47.1	66.9	68.1	68.3	68.6	68.6	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 450	48.0	68.0	69.1	69.4	69.7	69.7	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 400	48.5	68.7	70.0	70.2	70.5	70.5	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 350	48.9	69.2	70.6	70.9	71.2	71.2	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 300	49.6	70.2	71.6	71.8	72.2	72.2	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 250	50.8	72.3	73.7	73.9	74.2	74.2	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 200	52.2	74.2	75.6	75.8	76.1	76.2	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1800	52.4	74.6	76.0	76.3	76.7	76.8	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1500	53.2	75.9	77.3	77.8	78.3	78.4	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	54.0	77.0	78.4	79.0	79.6	79.8	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	54.9	78.7	80.3	81.0	81.5	81.7	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 900	55.2	79.1	80.9	81.5	82.2	82.4	83.1	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7
≥ 800	55.5	80.2	81.9	82.7	83.3	83.5	84.6	84.9	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3
≥ 700	55.6	80.9	82.6	83.7	84.5	84.8	85.9	86.3	86.3	86.3	86.6	86.8	86.8	86.8	86.8	86.8
≥ 600	55.7	81.3	83.1	84.2	85.1	85.5	86.7	87.1	87.1	87.1	87.3	87.5	87.5	87.6	87.6	87.6
≥ 500	55.7	82.0	84.3	85.9	86.9	87.3	88.5	89.0	89.0	89.0	89.4	89.7	89.7	89.8	89.8	89.8
≥ 400	55.9	82.6	85.3	87.1	88.2	88.8	90.3	90.9	90.9	90.9	91.2	91.6	91.6	91.7	91.7	91.8
≥ 300	55.9	82.7	85.4	87.2	88.3	88.9	90.5	91.9	92.0	92.0	92.6	93.5	93.5	93.8	93.9	94.0
≥ 200	55.9	82.7	85.4	87.2	88.4	89.0	90.6	92.0	92.4	92.4	93.2	94.3	94.3	94.7	94.6	95.9
≥ 100	55.9	82.7	85.4	87.2	88.4	89.0	90.6	92.2	92.7	92.7	93.7	94.7	94.7	95.5	95.6	96.2
≥ 0	55.9	82.7	85.4	87.2	88.4	89.0	90.6	92.2	92.7	92.7	93.7	94.7	94.8	95.7	96.0	97.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
SCAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1720

FOSBRES FLD MS

63-70,74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 2000	34.2	54.6	55.7	55.9	56.0	56.0	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1800	36.1	56.6	57.6	57.8	58.0	58.0	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1600	36.3	56.8	57.8	58.1	58.2	58.2	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
≥ 1400	36.5	57.1	58.2	58.4	58.5	58.5	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1200	37.7	59.0	60.1	60.3	60.5	60.5	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1000	39.8	61.9	63.0	63.2	63.4	63.4	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 800	40.2	62.8	63.9	64.1	64.3	64.3	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
≥ 600	41.1	64.2	65.3	65.5	65.7	65.7	66.1	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
≥ 400	41.7	65.3	66.3	66.6	66.8	66.8	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 200	42.4	66.6	67.7	68.0	68.2	68.2	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 100	42.9	67.7	69.0	69.2	69.5	69.5	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 0	43.4	68.5	69.9	70.2	70.5	70.5	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 0	43.7	68.7	70.1	70.4	71.0	71.0	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 0	43.9	69.4	70.8	71.1	71.6	71.6	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 0	44.1	70.0	71.4	71.7	72.4	72.4	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 0	44.6	70.8	72.2	72.5	73.2	73.3	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 0	45.5	72.4	73.8	74.1	75.4	75.6	76.2	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 0	45.5	72.5	73.9	74.2	75.5	75.9	76.6	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 0	46.0	74.1	75.5	75.8	77.1	77.8	78.6	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 0	46.1	74.6	76.0	76.3	77.6	78.4	79.1	79.9	80.3	80.3	80.6	80.8	80.8	80.8	80.8	80.9
≥ 0	46.5	75.8	77.3	77.6	79.0	79.9	80.8	81.5	81.9	81.9	82.4	82.5	82.5	82.5	82.5	82.6
≥ 0	46.6	76.7	78.6	78.9	80.4	81.4	82.3	83.1	83.5	83.5	84.0	84.1	84.1	84.1	84.1	84.2
≥ 0	46.9	77.2	79.1	79.7	81.2	82.2	83.1	84.1	84.5	84.7	85.2	85.3	85.3	85.3	85.3	85.4
≥ 0	46.9	77.5	79.7	80.8	82.7	83.7	84.7	85.9	86.3	86.6	87.0	87.1	87.1	87.1	87.1	87.2
≥ 0	46.3	77.7	79.9	81.0	83.0	84.5	85.8	87.4	88.0	88.2	88.6	88.7	88.7	88.8	88.9	89.0
≥ 0	46.9	78.2	80.5	81.7	84.0	85.5	87.0	89.1	90.0	90.2	90.6	90.8	90.8	91.0	91.1	91.2
≥ 0	46.9	78.3	80.9	82.2	84.5	86.1	88.0	90.8	91.6	91.9	92.6	92.7	92.8	93.3	93.4	93.5
≥ 0	46.9	78.3	81.0	82.3	84.6	86.5	88.8	91.8	92.8	93.4	94.5	94.6	94.8	95.4	95.5	95.6
≥ 0	46.9	78.3	81.0	82.3	84.7	86.6	89.1	92.2	93.1	93.9	95.1	95.4	95.8	96.3	96.6	97.0
≥ 0	46.9	78.3	81.0	82.3	84.8	86.7	89.2	92.3	93.2	94.0	95.4	95.7	96.3	97.0	97.3	99.2
≥ 0	46.9	78.3	81.0	82.3	84.8	86.7	89.2	92.3	93.2	94.0	95.4	95.7	96.5	97.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2
 FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1720

FORBES FLD MS

63-75, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING ≥ 20000	36.7	57.7	58.2	58.2	58.2	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	33.7	59.8	60.2	60.2	60.2	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	39.7	59.8	60.2	60.2	60.2	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	38.9	59.9	60.3	60.3	60.3	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	39.1	60.4	60.9	60.9	60.9	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	41.3	63.4	63.9	63.9	63.9	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	42.6	66.5	66.9	67.0	67.0	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	42.6	66.6	67.0	67.1	67.1	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	43.2	67.5	68.1	68.2	68.2	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	44.3	68.8	69.4	69.5	69.5	69.5	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	44.5	70.3	70.9	71.0	71.0	71.1	71.2	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	44.3	70.9	71.4	71.5	71.5	71.6	71.7	71.9	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	45.1	71.2	71.7	71.9	71.9	72.0	72.2	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	45.6	72.3	72.6	72.8	72.8	72.9	73.1	73.4	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	45.7	72.2	72.7	72.9	72.9	73.0	73.2	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	45.9	72.5	73.0	73.2	73.2	73.3	73.5	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	46.3	74.2	74.7	75.1	75.1	75.2	75.4	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1500	47.7	75.9	76.5	76.8	76.9	77.0	77.2	77.6	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1000	48.1	76.5	77.1	77.3	77.4	77.6	78.0	78.4	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9
≥ 800	48.9	78.3	78.9	79.2	79.6	79.8	80.3	80.8	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	49.4	80.2	81.2	81.5	82.2	82.5	83.1	83.7	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3
≥ 600	49.3	81.1	82.4	82.8	83.5	84.0	84.6	85.2	85.4	85.5	85.8	85.8	85.9	85.9	85.9	85.9
≥ 500	49.8	82.0	83.3	83.9	84.9	85.4	86.0	86.6	86.8	86.9	87.3	87.3	87.4	87.4	87.4	87.4
≥ 400	49.8	82.8	84.2	84.7	86.3	86.8	87.6	88.4	88.6	88.7	89.1	89.1	89.2	89.2	89.2	89.2
≥ 300	49.8	83.3	85.1	85.6	87.7	88.3	89.2	90.3	90.5	90.6	91.1	91.1	91.2	91.2	91.2	91.2
≥ 200	49.9	83.5	85.4	86.1	88.5	89.1	90.2	91.4	91.6	91.7	92.2	92.2	92.3	92.3	92.3	92.3
≥ 100	49.8	83.8	85.7	86.5	89.1	90.1	91.4	92.9	93.2	93.3	93.8	93.8	93.9	94.0	94.0	94.0
≥ 0	49.8	83.8	85.9	86.9	89.9	91.0	92.5	94.1	94.6	94.7	95.2	95.2	95.5	95.6	95.6	95.6
≥ 0	49.8	83.8	85.9	87.0	90.0	91.2	92.8	94.6	95.5	95.7	96.2	96.2	96.6	96.7	96.7	96.9
≥ 0	49.9	83.8	85.9	87.0	90.0	91.2	92.9	94.9	95.9	96.5	97.3	97.3	98.0	98.1	98.1	98.3
≥ 0	49.9	83.8	85.9	87.0	90.0	91.2	92.9	94.9	95.9	96.6	97.5	97.8	98.6	98.7	98.8	99.5
≥ 0	49.8	83.8	85.9	87.0	90.0	91.2	92.9	94.9	95.9	96.6	97.5	97.8	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 20

FORDS FLD KS

63-70, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	39.7	59.2	59.6	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	40.9	61.1	61.4	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	40.9	61.2	61.5	61.7	61.7	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	40.9	61.4	61.7	61.9	61.9	61.9	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	41.3	61.8	62.2	62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	42.9	64.1	64.4	64.6	64.6	64.6	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	44.7	67.1	67.4	67.6	67.6	67.6	67.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	44.9	67.7	68.1	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	46.1	69.6	69.9	70.4	70.5	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	46.7	70.3	70.6	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	47.2	71.6	71.9	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	47.8	72.9	73.2	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	48.0	73.0	73.3	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	48.4	73.5	73.9	74.5	74.7	74.7	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	48.8	74.3	74.6	75.3	75.5	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	49.2	75.3	75.7	76.3	76.6	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	50.1	77.6	78.3	79.1	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	50.9	79.0	79.7	80.5	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4
≥ 1800	51.2	80.1	81.0	81.9	82.5	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9
≥ 1500	51.7	81.8	82.8	83.8	84.5	84.5	84.8	84.8	84.9	84.9	85.1	85.2	85.3	85.3	85.3	85.3
≥ 1200	52.3	83.1	84.2	85.2	86.0	86.0	86.3	86.3	86.5	86.5	86.6	86.7	86.8	86.8	86.8	86.8
≥ 1000	52.7	84.4	85.6	86.7	87.8	88.0	88.4	88.5	88.7	89.0	89.2	89.4	89.5	89.5	89.5	89.5
≥ 900	52.8	84.6	86.1	87.3	88.6	88.7	89.1	89.2	89.5	89.9	90.1	90.2	90.4	90.4	90.4	90.4
≥ 800	52.9	84.8	86.5	87.6	88.9	89.0	89.5	89.6	89.8	90.2	90.4	90.5	90.8	90.8	90.8	90.8
≥ 700	52.9	84.9	86.7	87.8	89.7	90.0	90.6	90.9	91.1	91.5	91.7	91.8	92.0	92.2	92.2	92.4
≥ 600	52.9	85.1	86.9	88.1	89.9	90.2	90.9	91.4	91.6	92.0	92.3	92.4	92.6	92.7	92.7	92.9
≥ 500	52.9	85.2	87.1	88.3	90.5	91.1	92.2	93.3	93.5	94.0	94.2	94.3	94.5	94.6	94.6	94.9
≥ 400	52.9	85.5	87.4	88.8	91.7	92.3	93.3	94.9	95.4	95.8	96.1	96.2	96.5	96.6	96.6	96.9
≥ 300	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.1	96.7	97.2	97.5	97.6	97.8	98.0	98.0	98.3
≥ 200	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.3	96.8	97.4	98.0	98.1	98.7	98.9	98.9	99.2
≥ 100	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.3	96.8	97.4	98.1	98.3	99.1	99.4	99.4	99.8
≥ 0	52.9	85.5	87.4	89.0	92.2	92.9	94.5	96.3	96.8	97.5	98.2	98.4	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD KS

53-70, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	43.7	61.0	61.3	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 2000	43.4	61.4	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1800	43.4	61.4	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1600	43.7	61.6	61.9	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 1400	43.9	62.0	62.4	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1200	46.1	64.7	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1000	48.5	67.2	67.6	67.6	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 900	49.2	68.7	69.1	69.1	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 800	51.1	70.9	71.3	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 700	52.7	71.9	72.5	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 600	52.3	72.4	72.9	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 500	52.8	73.3	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 450	53.1	73.9	74.4	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 400	54.5	75.4	75.9	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5
≥ 350	54.9	75.8	76.3	76.3	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 300	56.1	77.3	77.8	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 250	57.8	80.2	81.1	81.1	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3
≥ 200	59.1	81.9	82.8	82.8	83.3	83.4	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 1800	59.6	82.6	83.4	83.4	84.0	84.1	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 1500	60.3	83.9	84.8	84.8	85.4	85.6	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1200	60.8	84.6	85.8	85.8	86.5	86.7	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1000	60.8	85.1	86.3	86.3	87.0	87.3	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 900	60.8	85.2	86.7	86.9	87.6	88.0	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 800	60.9	85.5	87.1	87.3	88.3	88.6	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 700	61.0	85.6	87.4	88.2	89.4	89.9	90.6	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.6
≥ 600	61.0	85.6	87.4	88.2	89.5	90.0	91.0	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.8	92.4
≥ 500	61.0	85.8	87.6	88.5	90.1	90.6	91.7	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.8	93.3
≥ 400	61.0	86.0	88.1	89.1	90.9	91.4	92.9	93.8	94.2	94.6	94.7	94.7	94.7	94.7	94.8	95.4
≥ 300	61.1	86.1	88.2	89.5	91.4	92.0	93.5	95.1	95.7	96.1	96.3	96.3	96.3	96.9	97.0	97.4
≥ 200	61.1	86.3	88.4	89.7	91.6	92.4	94.2	95.9	96.6	97.0	97.3	97.3	97.5	98.1	98.2	98.7
≥ 100	61.1	86.3	88.5	89.8	91.7	92.5	94.3	96.2	97.1	97.5	98.1	98.3	98.8	98.9	99.2	99.4
≥ 0	61.1	86.3	88.5	89.8	91.7	92.5	94.3	96.2	97.1	97.5	98.2	98.4	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1712

FORBES FLD KS

63-73, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
NO. OBS.	47.2	62.9	62.9	63.0	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2000	47.5	63.2	63.2	63.3	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1800	47.5	63.2	63.2	63.3	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1600	47.7	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 1400	47.7	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 1200	49.2	65.6	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1000	50.3	67.7	67.7	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 900	51.1	68.4	68.4	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 800	52.4	70.1	70.1	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 700	53.4	71.6	71.7	71.8	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 600	53.7	72.2	72.3	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 500	54.1	72.6	72.7	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 450	55.4	74.6	74.7	74.8	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5
≥ 400	56.1	75.5	75.6	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3
≥ 350	56.9	76.7	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6
≥ 300	57.1	77.1	77.5	77.6	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3
≥ 250	57.8	79.0	79.5	79.6	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3
≥ 200	59.2	81.0	81.4	81.5	81.6	81.6	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.5
≥ 180	59.8	82.0	82.6	82.7	82.9	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.8
≥ 150	60.9	83.5	84.1	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.3
≥ 120	61.3	84.5	85.1	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.2
≥ 100	61.9	85.5	86.1	86.1	86.3	86.5	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.3
≥ 90	61.3	85.9	86.6	86.7	86.9	87.0	87.3	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	88.1
≥ 80	62.0	86.2	87.1	87.3	87.6	87.7	88.1	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.8
≥ 70	62.2	87.1	88.0	88.3	88.7	88.9	89.4	89.7	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.4
≥ 60	62.5	87.7	88.6	88.9	89.5	89.7	90.3	90.6	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.7
≥ 50	62.5	87.7	88.9	89.4	90.5	90.9	91.6	91.9	92.4	92.6	92.8	92.8	93.0	93.1	93.1	93.7
≥ 40	62.6	88.3	89.6	90.1	91.3	91.6	92.5	92.9	93.3	93.5	93.8	93.8	94.0	94.1	94.1	94.6
≥ 30	62.6	88.4	89.7	90.2	91.5	91.8	92.8	93.4	94.1	94.4	94.6	94.6	94.9	95.1	95.1	95.6
≥ 20	62.6	88.4	90.0	90.5	91.9	92.3	93.4	94.4	95.5	95.9	96.5	96.5	97.2	97.4	97.4	98.0
≥ 10	62.6	88.4	90.0	90.5	91.9	92.3	93.5	94.6	95.7	96.1	96.8	96.8	98.1	98.5	98.6	99.7
≥ 0	62.6	88.4	90.0	90.5	91.9	92.3	93.5	94.6	95.7	96.1	96.9	96.9	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 17

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD KS

63-70, 74-75

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	40.9	59.2	59.6	59.7	59.9	59.9	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	42.0	60.4	60.8	60.9	61.0	61.0	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 16000	42.1	60.4	60.8	61.0	61.1	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	42.1	60.6	61.0	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	42.3	60.8	61.2	61.3	61.4	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 10000	43.7	62.7	63.1	63.2	63.3	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 8000	45.6	65.2	65.6	65.8	65.9	65.9	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	45.9	65.9	66.3	66.5	66.6	66.6	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	47.4	67.7	68.2	68.3	68.5	68.5	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	48.1	68.7	69.2	69.4	69.5	69.5	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	48.6	69.9	70.4	70.6	70.8	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 4000	49.2	70.9	71.4	71.6	71.8	71.8	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4
≥ 3500	49.7	71.7	72.2	72.4	72.6	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3000	50.3	72.6	73.2	73.4	73.6	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 2500	50.9	73.4	74.0	74.2	74.4	74.4	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1
≥ 2000	51.3	74.2	74.8	75.0	75.3	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 1800	52.4	76.2	76.9	77.1	77.4	77.5	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2
≥ 1600	53.4	77.8	78.5	78.8	79.2	79.2	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 1400	53.7	78.3	79.1	79.4	79.8	79.9	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 1200	54.5	79.9	80.6	81.0	81.5	81.7	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7
≥ 1000	55.0	81.0	81.8	82.2	82.8	83.0	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.2
≥ 900	55.6	82.3	83.3	83.7	84.4	84.7	85.3	85.5	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.1
≥ 800	55.7	82.8	84.0	84.5	85.2	85.5	86.1	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.1
≥ 700	55.8	83.4	84.7	85.3	86.2	86.5	87.2	87.5	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.2
≥ 600	55.9	83.9	85.3	86.0	87.2	87.6	88.4	88.9	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.7
≥ 500	56.0	84.1	85.6	86.3	87.6	88.1	89.0	89.7	89.9	90.1	90.3	90.3	90.4	90.4	90.5	90.6
≥ 400	56.0	84.5	86.1	87.0	88.6	89.2	90.3	91.1	91.4	91.6	91.8	91.9	92.0	92.1	92.1	92.4
≥ 300	56.1	84.8	86.6	87.7	89.4	90.1	91.4	92.5	92.9	93.2	93.5	93.5	93.7	93.8	93.8	94.1
≥ 200	56.1	84.9	86.7	87.8	89.7	90.5	92.1	93.6	94.2	94.6	95.1	95.2	95.4	95.6	95.6	96.1
≥ 100	56.1	84.9	86.8	87.9	89.9	91.7	92.4	94.1	94.8	95.4	96.1	96.2	96.7	96.9	97.1	97.5
≥ 0	56.1	84.9	86.8	88.0	89.9	90.7	92.5	94.3	95.1	95.7	96.6	96.8	97.5	97.8	98.1	99.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

172

FORBES FLD KS

63-70,74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2.0	≥ 2.5
NO CEILING ≥ 2000	49.7	60.4	67.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7
≥ 1800 ≥ 500	49.7	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 1400 ≥ 200	50.1	61.4	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 1000 ≥ 900	51.1	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3
≥ 800 ≥ 700	52.3	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
≥ 600 ≥ 500	54.6	69.3	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
≥ 450 ≥ 400	58.1	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0
≥ 350 ≥ 300	59.9	76.3	76.4	76.4	76.4	76.4	76.4	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
≥ 250 ≥ 200	62.4	80.9	81.4	81.5	81.5	81.5	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
≥ 180 ≥ 150	63.6	82.6	83.1	83.2	83.3	83.4	83.6	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
≥ 120 ≥ 100	65.6	85.9	86.5	86.6	87.0	87.1	87.2	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥ 90 ≥ 80	65.8	88.4	89.2	89.7	90.1	90.2	90.4	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
≥ 70 ≥ 60	65.8	89.3	90.3	90.8	91.2	91.4	91.6	92.2	92.3	92.3	92.3	92.4	92.5	92.7	92.7	92.7
≥ 50 ≥ 40	65.9	89.8	91.0	92.1	93.3	93.7	94.1	95.5	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4
≥ 30 ≥ 20	65.9	89.8	91.1	92.2	93.5	94.0	94.4	95.9	96.8	96.9	97.2	97.3	97.4	97.4	97.4	97.4
≥ 10 U	65.9	89.8	91.1	92.3	93.6	94.1	94.7	96.2	97.4	97.5	97.9	98.0	98.5	98.6	98.9	99.6

TOTAL NUMBER OF OBSERVATIONS 545

ALPHAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1112

FORBES FLD KS

63-70, 74-75

FEE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	47.6	57.7	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9
≥ 2000	48.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 1800	48.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 1600	48.7	58.7	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 1400	49.2	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4
≥ 1200	49.5	59.7	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.9
≥ 1000	51.2	61.7	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.9
≥ 900	51.3	61.8	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0
≥ 800	52.0	63.9	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1
≥ 700	52.8	65.2	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4
≥ 600	54.4	67.5	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8
≥ 500	56.0	69.1	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.4
≥ 4500	57.6	71.0	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5
≥ 4000	58.3	72.1	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5
≥ 3500	58.5	72.7	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2
≥ 3000	60.2	74.8	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.4
≥ 2500	60.8	76.5	77.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1
≥ 2000	62.9	79.6	80.4	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2
≥ 1800	62.9	80.0	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.7
≥ 1500	64.2	81.9	82.9	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.2
≥ 1200	65.0	83.6	84.5	85.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.3
≥ 1000	65.6	84.5	85.5	86.3	86.9	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.6
≥ 900	65.7	85.6	86.5	87.4	88.1	88.2	88.5	88.5	88.5	88.8	88.9	88.9	88.9	89.0	89.0	89.4
≥ 800	65.8	86.4	87.5	88.5	89.6	89.7	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.9
≥ 700	65.8	86.6	87.7	88.8	90.0	90.1	90.4	90.4	90.7	90.8	90.8	90.8	90.8	90.9	90.9	91.3
≥ 600	65.8	86.8	87.9	89.4	90.5	90.8	91.1	91.1	91.4	91.5	91.5	91.5	91.6	91.6	91.6	92.0
≥ 500	65.8	86.9	88.1	89.5	90.7	90.9	91.5	91.8	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.8
≥ 400	65.8	87.1	88.3	90.2	91.6	92.0	92.7	93.1	93.7	94.0	94.1	94.3	94.3	94.4	94.7	95.0
≥ 300	65.8	87.2	88.4	90.3	91.8	92.2	93.0	94.0	94.7	95.3	95.4	95.6	95.6	95.7	96.0	96.3
≥ 200	65.8	87.2	88.4	90.3	91.8	92.3	93.4	94.3	95.4	96.0	96.3	96.6	96.6	96.7	97.0	97.4
≥ 100	65.8	87.2	88.4	90.3	91.8	92.3	93.4	94.4	95.5	96.1	96.7	96.9	97.3	97.8	98.6	99.5
≥ 0	65.8	87.2	88.4	90.3	91.8	92.3	93.4	94.6	95.6	96.2	96.8	97.0	97.4	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-20
STATION

FORBES FLD KS

STATION NAME

63-70,74-75

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 3
NO CEILING	42.8	56.7	57.4	57.9	58.3	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥ 2000	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 1800	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 1600	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 1400	43.4	57.4	58.2	58.6	59.0	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 1200	44.0	58.0	58.7	59.2	59.6	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 1000	45.3	59.8	60.5	61.0	61.3	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 900	45.9	60.6	61.3	61.8	62.2	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 800	47.3	63.2	63.9	64.7	65.0	65.0	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 700	48.2	64.7	65.5	66.3	66.7	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3
≥ 600	49.6	66.8	67.6	68.4	68.8	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4
≥ 500	50.5	67.6	68.4	69.3	69.7	69.7	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 450	51.5	69.4	70.2	71.2	71.6	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 400	51.7	69.6	70.4	71.4	71.9	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.5
≥ 350	52.7	70.4	71.3	72.2	72.7	72.7	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
≥ 300	52.7	71.6	72.5	73.4	73.9	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6
≥ 250	54.0	73.6	74.6	75.7	76.1	76.1	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 200	55.1	74.9	75.9	77.0	77.5	77.5	77.9	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.6
≥ 1800	55.4	75.4	76.4	77.4	78.0	78.0	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	79.1
≥ 1500	56.4	77.3	78.4	79.7	80.4	80.4	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4
≥ 1200	57.4	79.8	80.9	82.3	83.3	83.3	83.7	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.4
≥ 1000	57.3	80.6	81.7	83.2	84.3	84.3	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.6
≥ 900	58.0	81.0	82.0	83.8	84.9	84.9	85.5	85.7	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.3
≥ 800	58.3	81.6	83.0	84.9	86.3	86.3	87.0	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	88.1
≥ 700	58.4	82.3	83.7	85.6	87.1	87.2	87.9	88.4	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.1
≥ 600	58.4	82.6	84.0	86.2	87.8	88.3	89.2	89.7	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.4
≥ 500	58.4	82.6	84.2	86.5	88.4	89.0	90.1	90.8	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.6
≥ 400	58.4	82.7	84.3	86.9	88.9	89.6	91.0	91.8	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.6
≥ 300	58.4	83.0	84.5	87.1	89.4	90.2	91.7	92.7	93.1	93.6	94.3	94.3	94.6	94.6	94.7	95.4
≥ 200	58.4	83.0	84.5	87.1	89.5	90.4	92.0	93.0	93.7	94.4	96.1	96.2	96.6	96.6	97.0	97.8
≥ 100	58.4	83.0	84.5	87.1	89.5	90.4	92.0	93.0	94.0	94.7	96.3	96.5	96.9	97.0	97.9	99.1
≥ 0	58.4	83.0	84.5	87.1	89.5	90.4	92.0	93.0	94.0	94.7	96.3	96.5	96.9	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 244

GLOBAL CLIMATOLOGY BRANCH
 COMFETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-21 FORRES FLD KS

63-70,74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.125	≥.0625	≥.03125
NO CEILING	36.7	54.6	55.3	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	33.5	56.4	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	33.5	56.4	57.1	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	33.5	56.5	57.2	57.4	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	33.5	56.5	57.2	57.4	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	33.8	57.3	58.2	58.4	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	39.7	58.7	59.6	59.8	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	40.3	59.7	60.5	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	41.1	61.8	62.6	62.9	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	42.2	63.5	64.3	64.7	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000	43.0	65.4	66.2	66.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	43.4	66.2	67.4	67.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	44.0	67.6	68.9	69.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	44.3	68.3	69.9	70.2	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	44.3	68.4	70.1	70.4	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	44.3	69.0	70.7	71.2	72.6	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	45.9	70.8	72.5	72.9	74.3	74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2000	46.9	73.5	75.2	75.7	77.2	77.3	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1800	47.3	74.3	76.1	76.6	78.1	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	48.2	76.5	79.3	79.6	81.3	81.7	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1200	48.8	77.5	80.3	81.1	83.0	83.3	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	48.9	77.9	81.7	81.9	84.4	84.8	85.1	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	48.9	78.0	81.1	82.0	84.5	84.9	85.6	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	48.9	78.3	81.7	82.6	85.5	85.8	86.6	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	48.9	78.5	82.2	83.2	86.2	86.5	87.5	88.2	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	43.9	78.7	82.4	83.8	87.0	87.5	88.7	89.5	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	48.9	78.7	82.7	84.3	87.6	88.1	89.8	90.9	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	48.9	78.8	83.1	85.1	88.4	89.0	91.1	93.3	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	48.9	78.8	83.1	85.1	88.5	89.2	91.7	94.2	94.4	95.2	95.6	95.7	95.7	95.7	96.2	96.3
≥ 200	48.9	78.8	83.1	85.1	88.5	89.2	91.8	94.6	94.9	96.5	97.4	97.8	97.9	97.9	98.6	98.8
≥ 100	48.9	78.8	83.1	85.1	88.5	89.2	91.8	94.6	94.9	96.6	97.8	98.1	98.3	98.5	99.3	99.5
≥ 0	43.9	78.8	83.1	85.1	88.5	89.2	91.8	94.6	94.9	96.6	97.8	98.1	98.3	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17420 FORBES FLD KS

63-70,74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING ≥ 20000	41.5	59.3	59.3	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	42.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	42.9	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	42.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	42.9	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	43.4	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	44.8	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	47.5	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	45.3	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	48.1	69.0	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	49.3	69.5	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	48.5	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	49.2	71.5	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	49.3	71.7	72.2	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2
≥ 3000	49.6	72.5	72.9	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9
≥ 2500	50.6	74.1	74.6	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7
≥ 2000	52.6	78.0	78.5	78.7	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
≥ 1800	53.2	79.2	79.7	79.9	80.5	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0
≥ 1500	54.4	81.7	82.2	82.7	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
≥ 1200	54.9	83.3	84.4	85.1	85.9	86.2	86.4	86.5	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8
≥ 1000	55.1	83.9	85.1	86.2	87.2	87.5	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 900	55.1	84.2	85.6	86.9	88.2	88.7	89.1	89.5	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	55.1	84.2	86.2	87.8	89.4	90.0	90.7	91.0	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 700	55.1	84.4	86.5	88.4	90.3	90.9	92.1	92.4	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 600	55.1	84.4	86.5	88.9	90.9	91.5	93.0	93.9	94.0	94.2	94.4	94.4	94.6	94.6	94.6	94.6
≥ 500	55.1	84.5	86.8	89.2	91.5	92.3	94.2	95.3	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	55.1	84.6	87.1	89.6	92.2	93.0	95.0	96.3	96.5	96.8	97.0	97.0	97.2	97.2	97.2	97.2
≥ 300	55.1	84.6	87.5	90.0	92.7	93.5	95.5	97.0	97.3	97.6	98.2	98.3	98.6	98.7	98.7	98.7
≥ 200	55.1	84.6	87.5	90.0	92.7	93.5	95.6	97.2	97.4	97.8	98.5	98.7	99.5	99.6	99.8	99.8
≥ 100	55.1	84.6	87.5	90.0	92.7	93.5	95.6	97.2	97.4	97.9	98.6	98.8	99.6	99.8	99.9	100.0
≥ 0	55.1	84.6	87.5	90.0	92.7	93.5	95.6	97.2	97.4	97.9	98.6	98.8	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 545

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1712

FORBES FLD KS

63-70,74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	43.6	61.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	45.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000	45.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	45.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	45.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	46.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	48.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	48.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	50.2	68.4	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	51.1	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	52.1	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	52.4	71.7	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	52.7	72.6	72.8	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	53.2	74.2	74.5	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	53.5	74.8	75.1	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	54.0	75.8	76.3	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	54.8	77.5	77.9	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	57.0	81.8	82.4	82.7	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	57.3	82.5	83.1	83.6	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	58.3	85.0	85.9	86.4	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	58.5	85.9	87.2	87.7	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 1000	58.5	86.4	88.1	89.0	89.7	89.7	89.7	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	58.5	86.8	88.8	89.8	90.8	91.0	91.3	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	58.5	87.0	89.2	90.5	91.5	91.8	92.2	92.8	92.8	92.9	93.1	93.1	93.1	93.3	93.3	93.3
≥ 700	58.5	87.1	89.4	90.9	92.1	92.4	93.0	93.7	93.7	94.0	94.2	94.2	94.2	94.3	94.3	94.3
≥ 600	58.5	87.8	90.1	91.6	92.9	93.4	94.2	95.2	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7
≥ 500	58.5	88.2	90.5	92.3	93.6	94.1	95.4	96.8	96.8	97.0	97.3	97.3	97.3	97.5	97.5	97.5
≥ 400	59.5	88.2	90.5	92.4	93.9	94.3	95.6	97.3	97.3	97.5	97.9	97.9	97.9	98.1	98.1	98.1
≥ 300	58.5	88.2	90.5	92.4	94.1	94.6	96.0	97.9	97.9	98.1	98.8	98.8	98.8	98.9	99.2	99.2
≥ 200	58.6	88.3	90.7	92.6	94.2	94.7	96.1	98.0	98.1	98.3	99.1	99.3	99.3	99.8	100.0	100.0
≥ 100	58.6	88.3	90.7	92.6	94.2	94.7	96.1	98.0	98.1	98.3	99.1	99.3	99.3	99.8	100.0	100.0
≥ 0	58.6	88.3	90.7	92.6	94.2	94.7	96.1	98.0	98.1	98.3	99.1	99.3	99.3	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD KS

63-70,74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4
NO CEILING	47.7	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	48.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
≥ 18000	48.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
≥ 16000	43.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
≥ 14000	49.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	50.3	63.8	64.1	64.1	64.1	64.1	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	52.4	66.6	67.0	67.0	67.0	67.0	67.0	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9500	52.9	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	55.0	69.6	69.9	69.9	69.9	69.9	69.9	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	56.7	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	57.0	72.4	72.8	72.9	72.9	72.9	72.9	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	57.6	73.6	74.0	74.2	74.2	74.2	74.2	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	58.1	75.1	75.5	75.7	75.7	75.7	75.7	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	58.3	76.1	76.4	76.7	76.7	76.7	76.7	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	59.1	77.6	78.0	78.2	78.2	78.2	78.2	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	59.8	79.4	79.8	80.0	80.0	80.0	80.0	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	60.7	80.5	81.1	81.5	81.5	81.5	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	61.7	82.4	83.1	83.6	83.6	83.6	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	62.1	83.6	84.3	84.7	84.7	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	63.3	86.3	87.2	87.8	87.8	87.8	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	63.4	87.3	88.3	88.9	89.0	89.0	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	63.7	88.4	89.3	90.4	90.8	91.0	91.4	91.5	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	63.7	88.9	89.9	91.0	91.5	91.7	92.2	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	63.9	89.7	90.9	92.1	92.7	92.9	93.7	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	63.9	89.9	91.1	92.3	93.0	93.3	94.1	94.6	94.8	95.0	95.1	95.1	95.3	95.4	95.4	95.4
≥ 600	63.9	90.1	91.2	92.4	93.3	93.5	94.3	94.9	95.3	95.5	95.6	95.6	95.7	95.9	95.9	95.9
≥ 500	63.9	90.3	91.5	92.8	94.0	94.2	95.1	96.1	96.6	96.8	96.9	96.9	97.0	97.2	97.2	97.2
≥ 400	63.9	90.4	91.6	92.9	94.2	94.7	95.9	97.2	97.9	98.1	98.3	98.3	98.5	98.6	98.6	98.6
≥ 300	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.6	98.8	98.8	99.1	99.2	99.2	99.2
≥ 200	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.7	98.9	98.9	99.2	99.3	99.3	99.3
≥ 100	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.7	99.1	99.1	99.4	99.8	99.8	99.9
≥ 0	63.9	90.7	91.8	93.1	94.4	94.9	96.2	97.6	98.3	98.7	99.1	99.1	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 345

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
4TH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-21

FORBES FLD KS

63-70, 74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	48.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000 IV 17000	49.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000 IV 12000	49.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000 IV 9000	51.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000 IV 7000	53.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000 IV 5000	56.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500 IV 4000	57.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500 IV 3000	60.2	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500 IV 2000	62.3	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800 IV 1500	63.1	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200 IV 1000	65.6	88.3	88.8	89.4	89.5	89.5	89.5	89.5	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0
≥ 900 IV 800	65.8	89.5	90.2	91.0	91.1	91.1	91.3	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700 IV 600	66.0	90.7	91.6	92.7	92.8	92.8	92.9	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500 IV 400	66.2	91.6	92.8	94.2	95.2	95.2	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300 IV 200	66.2	92.0	93.4	94.9	96.3	96.5	96.7	97.0	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100 IV 0	66.2	92.1	93.5	95.0	96.5	96.6	96.8	97.2	97.8	97.9	98.2	98.2	98.6	98.6	99.3	99.6

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD MS

63-70,74-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	44.7	58.9	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7
≥ 20000	45.3	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
≥ 18000	45.3	60.2	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 16000	45.9	60.2	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9
≥ 14000	46.1	60.4	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	46.6	61.2	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 10000	48.7	63.2	63.5	63.6	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 9000	48.4	63.6	64.0	64.1	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 8000	49.7	65.8	66.1	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
≥ 7000	50.7	67.3	67.7	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 6000	51.9	69.1	69.5	69.8	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 5000	52.7	70.3	70.8	71.0	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 4500	53.6	71.8	72.3	72.5	72.8	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1
≥ 4000	54.1	72.9	73.4	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	54.6	73.7	74.3	74.6	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 3000	55.4	75.1	75.7	76.0	76.3	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8
≥ 2500	56.4	77.0	77.7	78.1	78.4	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9
≥ 2000	57.8	79.6	80.3	80.7	81.1	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6
≥ 1800	58.1	80.2	80.9	81.4	81.8	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3
≥ 1500	59.2	82.4	83.3	83.9	84.4	84.5	84.6	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0
≥ 1200	59.9	84.0	85.1	85.8	86.4	86.5	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 1000	60.2	84.9	86.2	87.1	88.0	88.1	88.4	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 900	60.2	85.4	86.8	87.8	88.8	88.9	89.3	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1
≥ 800	60.3	85.8	87.5	88.7	89.8	90.0	90.5	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.5
≥ 700	60.3	86.1	87.8	89.1	90.4	90.7	91.3	91.7	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.3
≥ 600	60.3	86.4	88.1	89.6	90.9	91.3	92.0	92.6	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.2
≥ 500	60.3	86.6	88.4	90.0	91.6	92.0	93.0	93.8	94.0	94.2	94.3	94.4	94.4	94.5	94.5	94.6
≥ 400	60.3	86.7	88.6	90.5	92.3	92.8	93.9	95.1	95.5	95.7	95.9	95.9	96.0	96.0	96.1	96.2
≥ 300	60.3	86.8	88.8	90.6	92.6	93.1	94.4	95.8	96.3	96.6	97.0	97.1	97.2	97.3	97.4	97.5
≥ 200	60.4	86.8	88.8	90.7	92.7	93.2	94.6	96.0	96.6	97.1	97.8	97.9	98.2	98.3	98.6	98.8
≥ 100	60.4	86.8	88.8	90.7	92.7	93.2	94.6	96.0	96.7	97.2	97.9	98.1	98.6	98.7	99.2	99.7
≥ 0	60.4	86.8	88.8	90.7	92.7	93.2	94.6	96.0	96.7	97.2	98.0	98.1	98.6	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6760

GLOBAL CLIMATOLOGY BRANCH
MACFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17420

FORBES FLD KS

63-70, 74-75

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

JOJO-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	50.9	63.0	63.5	63.6	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 20000	51.5	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
≥ 18000	51.5	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
≥ 16000	51.5	63.5	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
≥ 14000	51.6	63.7	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8
≥ 12000	53.0	65.2	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3
≥ 10000	54.9	67.3	67.8	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4
≥ 9000	55.0	67.7	68.2	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8
≥ 8000	56.9	70.1	70.8	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5
≥ 7000	57.8	71.4	72.1	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
≥ 6000	59.1	73.3	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0
≥ 5000	60.5	75.0	75.9	76.1	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9
≥ 4500	61.4	76.1	77.0	77.2	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 4000	61.7	76.4	77.3	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3
≥ 3500	62.6	77.7	78.6	78.8	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7
≥ 3000	63.3	78.6	79.4	79.7	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 2500	65.3	81.2	82.0	82.2	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 2000	66.4	83.4	84.5	84.8	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7
≥ 1800	67.2	84.6	85.7	86.1	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0
≥ 1500	68.1	87.1	88.3	88.7	89.1	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.8
≥ 1200	68.6	88.6	89.9	90.4	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 1000	69.2	90.1	91.5	92.0	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1
≥ 900	69.6	91.1	92.5	93.0	93.4	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 800	70.0	91.8	93.2	93.9	94.3	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.3
≥ 700	70.2	92.2	93.6	94.4	94.8	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.9
≥ 600	70.2	92.5	93.9	94.7	95.2	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.2
≥ 500	70.2	92.8	94.3	95.3	95.8	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.9
≥ 400	70.2	92.9	94.5	95.9	96.6	96.9	97.3	97.4	97.5	97.5	97.8	97.8	97.8	98.0	98.2
≥ 300	70.2	93.0	94.6	96.0	96.7	97.1	97.5	97.7	98.0	98.1	98.4	98.4	98.5	98.6	98.8
≥ 200	70.2	93.0	94.6	96.0	96.7	97.1	97.6	97.8	98.4	98.7	99.0	99.1	99.2	99.4	99.6
≥ 100	70.2	93.0	94.6	96.0	96.7	97.1	97.6	97.8	98.5	98.8	99.1	99.2	99.4	99.6	99.8
≥ 0	70.2	93.0	94.6	96.0	96.7	97.1	97.6	97.8	98.6	98.9	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

922

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17023

FORBES FLD KS

63-70,74-75

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0
NO CEILING ≥ 20000	48.5	60.3	61.0	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.9
≥ 18000 ≥ 15000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0
≥ 14000 ≥ 12000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0
≥ 10000 ≥ 9000	48.6	60.4	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	62.0
≥ 8000 ≥ 7000	50.1	61.9	62.6	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5
≥ 6000 ≥ 5000	53.0	65.5	66.1	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.1
≥ 4500 ≥ 4000	53.2	65.7	66.3	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.3
≥ 3500 ≥ 3000	54.2	66.8	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.4
≥ 2500 ≥ 2000	54.7	67.6	68.3	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.2
≥ 1800 ≥ 1500	56.1	69.7	70.3	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3
≥ 1200 ≥ 1000	57.5	71.5	72.2	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.1
≥ 900 ≥ 800	58.6	72.9	73.7	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.6
≥ 700 ≥ 600	59.4	73.8	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.5
≥ 500 ≥ 400	61.0	75.5	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.2
≥ 300 ≥ 200	61.4	76.1	76.9	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.8
≥ 100 ≥ 0	62.6	78.1	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	80.2
≥ 100 ≥ 0	64.7	81.3	82.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.9
≥ 100 ≥ 0	65.5	82.5	83.5	84.1	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	85.2
≥ 100 ≥ 0	66.6	84.7	85.9	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.7
≥ 100 ≥ 0	67.3	86.8	88.2	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	90.2
≥ 100 ≥ 0	67.8	88.3	89.7	90.6	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.8
≥ 100 ≥ 0	67.8	89.0	90.5	91.6	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.8
≥ 100 ≥ 0	68.2	89.6	91.1	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.4
≥ 100 ≥ 0	68.2	90.1	91.6	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5	94.1
≥ 100 ≥ 0	68.2	90.4	91.9	93.1	93.4	93.4	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.5
≥ 100 ≥ 0	68.5	91.0	92.5	93.7	94.0	94.1	94.5	94.5	94.5	94.6	94.7	94.8	95.1	95.1	95.6
≥ 100 ≥ 0	68.5	91.1	92.6	93.9	94.2	94.3	94.8	94.8	94.8	95.1	95.2	95.3	95.5	95.5	96.0
≥ 100 ≥ 0	68.5	91.3	92.8	94.1	94.4	94.6	95.3	95.3	95.3	95.5	95.8	96.0	96.2	96.2	96.6
≥ 100 ≥ 0	68.5	91.6	93.1	94.4	94.7	94.9	95.7	96.0	96.3	96.9	97.5	97.7	98.2	98.3	98.8
≥ 100 ≥ 0	68.5	91.6	93.1	94.4	94.7	94.9	95.7	96.0	96.3	97.0	97.7	98.0	98.4	98.6	99.6
≥ 100 ≥ 0	68.5	91.6	93.1	94.4	94.7	94.9	95.7	96.0	96.3	97.0	97.7	98.0	98.4	98.6	99.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1752
STATION

FORBES FLD KS
STATION NAME

63-70,74-75
YEARS

MAP
MONTH
0600-0800
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥4	≥0
NO CEILING	37.5	55.3	56.2	57.0	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	58.2
≥ 2000	37.8	55.6	56.6	57.3	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.6
≥ 1800	37.9	55.6	56.6	57.3	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.6
≥ 1600	37.8	55.6	56.6	57.3	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.6
≥ 1400	38.1	55.8	56.8	57.5	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.8
≥ 1200	39.6	57.7	58.7	59.5	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.9
≥ 1000	42.4	61.6	62.8	63.5	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.7
≥ 900	42.4	61.9	63.1	63.9	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	65.3
≥ 800	44.5	64.5	65.8	66.6	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	68.0
≥ 700	44.3	65.6	66.9	67.6	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	69.0
≥ 600	46.2	67.2	68.5	69.2	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.9
≥ 500	46.5	67.6	68.9	69.7	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	71.4
≥ 450	47.1	68.6	70.1	71.0	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.9
≥ 400	47.7	69.4	71.1	71.9	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.9
≥ 350	48.6	70.4	72.3	73.2	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	75.2
≥ 300	49.7	71.9	73.8	74.7	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.8
≥ 250	50.6	74.6	76.5	77.7	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.8
≥ 200	51.4	76.1	78.2	79.8	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	82.0
≥ 1800	51.9	76.8	78.8	80.4	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.8
≥ 1500	53.0	79.6	81.7	83.5	84.6	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	86.2
≥ 1200	53.7	80.9	83.1	85.1	86.2	86.6	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	88.1
≥ 1000	54.2	82.3	85.1	87.3	89.7	89.1	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3	91.0
≥ 900	54.2	83.0	86.0	88.6	90.1	90.5	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.6
≥ 800	54.4	83.5	86.6	89.4	90.9	91.3	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	93.4
≥ 700	54.4	84.0	87.0	89.8	91.4	91.8	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	94.1
≥ 600	54.4	84.2	87.3	90.1	91.8	92.3	93.1	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.3	94.9
≥ 500	54.4	84.3	87.6	90.4	92.5	92.9	93.9	94.8	94.9	95.1	95.1	95.1	95.2	95.5	95.5	96.1
≥ 400	54.4	84.3	87.6	90.6	92.8	93.3	94.5	95.6	95.7	95.8	95.8	95.8	95.9	96.2	96.2	96.9
≥ 300	54.4	84.3	87.6	90.8	92.9	93.4	94.6	95.7	96.0	96.1	96.5	96.5	96.6	96.9	96.9	97.5
≥ 200	54.4	84.3	87.6	90.8	92.9	93.4	94.7	95.8	96.2	96.8	97.4	97.5	97.6	98.0	98.1	98.5
≥ 100	54.4	84.3	87.6	90.8	92.9	93.4	94.7	95.8	96.2	96.8	97.4	97.6	97.7	98.1	98.2	99.6
≥ 0	54.4	84.3	87.6	90.8	92.9	93.4	94.7	95.8	96.2	96.8	97.4	97.7	97.8	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2 FORBES FLD KS

63-70,74-75

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09-10-110
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	37.5 38.3	56.7 57.5	56.9 57.7	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1	57.2 58.1
≥ 18000 ≥ 6700	38.3 38.3	57.5 57.5	57.7 57.7	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1	58.1 58.1
≥ 14000 ≥ 2000	38.3 39.5	57.5 59.4	57.7 59.6	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9	58.1 59.9
≥ 10000 ≥ 9500	42.2 42.3	63.0 63.7	63.3 64.0	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.4
≥ 8000 ≥ 7000	44.4 45.6	67.2 68.8	67.7 69.4	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9	68.2 69.9
≥ 6000 ≥ 5000	46.5 46.3	70.6 71.2	71.4 71.9	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5	71.9 72.5
≥ 4500 ≥ 4000	47.7 47.7	71.9 72.8	72.7 73.8	73.2 74.3	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4	73.3 74.4
≥ 3500 ≥ 3000	48.1 48.6	73.3 74.1	74.3 75.1	74.8 75.6	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9	74.9 75.9
≥ 2500 ≥ 2000	50.9 51.8	77.8 80.8	79.0 82.0	79.7 82.9	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2	80.0 83.2
≥ 1800 ≥ 1500	52.2 52.6	81.5 83.5	82.8 85.4	83.8 86.6	84.1 87.0	84.1 87.1	84.1 87.1	84.1 87.1	84.1 87.1	84.2 87.2	84.2 87.2	84.2 87.2	84.2 87.2	84.2 87.2	84.2 87.2	84.2 87.2
≥ 1200 ≥ 1000	52.9 53.9	84.9 86.2	87.3 89.0	88.5 90.3	89.1 91.3	89.4 91.7	89.4 92.2	89.4 92.2	89.4 92.2	89.5 92.3	89.5 92.3	89.5 92.3	89.5 92.3	89.5 92.3	89.5 92.3	89.5 92.3
≥ 900 ≥ 800	54.2 54.3	87.3 87.3	89.9 90.3	91.4 92.0	92.6 93.3	93.0 93.8	93.5 94.3	93.5 94.3	93.7 94.4	93.7 94.4	93.7 94.4	93.7 94.4	93.7 94.4	93.7 94.4	93.7 94.4	93.7 94.4
≥ 700 ≥ 600	54.3 54.3	87.4 87.8	90.5 91.0	92.6 93.1	94.0 94.6	94.5 95.2	95.1 95.9	95.2 96.0	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1
≥ 500 ≥ 400	54.3 54.3	88.1 88.1	91.3 91.3	93.4 93.4	95.2 95.3	95.8 95.9	96.7 96.9	96.8 97.1	97.0 97.1	97.1 97.1	97.1 97.1	97.1 97.1	97.1 97.1	97.1 97.1	97.1 97.1	97.1 97.1
≥ 300 ≥ 200	54.3 54.3	88.1 88.1	91.3 91.3	93.4 93.4	95.4 95.4	96.1 96.1	97.2 97.2	97.5 97.6	97.7 97.8	98.0 98.1	98.2 98.5	98.2 98.5	98.2 98.6	98.2 98.7	98.3 98.7	98.4 99.4
≥ 100 ≥ 0	54.3 54.3	88.1 88.1	91.3 91.3	93.4 93.4	95.4 95.4	96.1 96.1	97.2 97.2	97.6 97.6	97.8 97.8	98.1 98.1	98.5 98.5	98.5 98.5	98.6 98.6	98.8 98.8	99.8 99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

172

FORBES FLD KS

63-70,74-75

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	40.6	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	43.3	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	43.3	59.4	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	43.3	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	44.3	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	46.0	63.7	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	46.8	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	47.1	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	50.0	69.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	51.3	71.7	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	52.0	72.8	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	52.6	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	53.1	75.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	53.7	76.2	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	55.4	78.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	57.3	81.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	58.5	85.1	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	59.1	86.5	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1600	60.1	89.7	91.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1400	60.6	91.3	92.8	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	60.7	92.3	93.9	94.2	94.9	95.1	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	60.9	92.3	93.9	94.2	94.9	95.1	95.5	95.6	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1
≥ 900	60.9	92.3	93.9	94.2	94.9	95.1	95.5	95.6	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1
≥ 800	60.9	92.3	93.9	94.2	94.9	95.1	95.5	95.6	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1
≥ 700	60.9	93.1	94.8	95.7	96.6	96.9	97.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	60.9	93.1	94.8	95.9	96.8	97.1	97.7	98.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	60.9	93.1	94.8	95.9	96.8	97.1	97.7	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	60.9	93.1	94.8	95.9	97.0	97.3	98.0	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 92

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1112

FORBES FLD KS

63-70,74-75

MAZ

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	41.7	55.1	56.3	56.3	54.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 2000	44.2	53.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1800	44.2	56.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1600	44.2	56.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1400	44.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 1200	44.2	60.2	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1000	46.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 900	47.2	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 800	49.4	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 700	51.4	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 600	72.6	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 500	73.2	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 450	53.3	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 400	55.4	76.2	76.5	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 350	56.2	78.1	78.5	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 300	58.2	81.0	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 250	60.9	85.5	86.0	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5
≥ 200	62.4	89.4	90.0	90.0	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 180	62.6	90.0	90.8	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 150	62.3	91.4	92.3	92.6	93.3	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 120	62.3	92.3	93.2	93.5	94.4	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 100	63.0	93.0	94.0	94.3	95.2	95.5	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 90	63.1	93.0	94.0	94.3	95.2	95.5	96.0	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 80	63.0	93.1	94.1	94.8	95.7	96.0	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 70	63.1	93.2	94.3	95.2	96.2	96.7	97.2	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 60	63.0	93.2	94.4	95.4	96.6	97.0	97.5	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 50	63.0	93.3	94.5	95.5	96.9	97.3	98.1	98.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9
≥ 40	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1
≥ 30	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	98.8	98.9	99.1	99.2	99.2	99.2
≥ 20	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	98.9	98.9	99.1	99.2	99.2	99.2
≥ 10	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	98.9	98.9	99.1	99.2	99.2	99.2
≥ 0	63.0	93.3	94.5	95.5	96.9	97.3	98.2	98.7	98.8	98.8	98.9	98.9	99.1	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1942 FORBES FLD KS

63-70, 74-75

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	45.5	61.2	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	47.3	62.7	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 1800	47.7	62.7	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 1600	47.1	62.8	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 1400	47.4	63.1	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1200	48.4	64.2	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 1000	50.4	67.5	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 800	52.3	69.9	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 600	53.4	71.4	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 500	55.9	74.3	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 450	56.4	75.3	75.7	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 400	57.3	76.3	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 350	58.4	78.0	78.4	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 300	59.1	78.9	79.5	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 250	60.3	80.5	81.1	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 200	62.3	83.3	84.3	84.8	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 180	64.2	87.2	88.5	89.1	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 160	64.7	88.3	89.6	90.2	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 140	65.4	90.0	91.4	92.3	92.8	92.8	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 120	65.6	90.8	92.3	93.1	93.7	93.7	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 100	65.6	91.5	93.1	93.9	94.4	94.4	94.9	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 90	65.6	91.6	93.1	94.0	94.5	94.5	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 80	65.6	91.6	93.1	94.0	94.5	94.5	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 70	65.6	91.7	93.4	94.4	94.9	95.1	95.9	96.6	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 60	65.6	91.9	93.9	94.9	95.5	95.6	96.6	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.7	97.7
≥ 50	65.6	91.9	93.9	95.1	95.6	95.7	96.8	97.5	97.6	97.7	97.8	97.8	97.8	98.0	98.1	98.1
≥ 40	65.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.6	98.7	99.0	99.0	99.1	99.2	99.2	99.2
≥ 30	65.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.4	99.4	99.5	99.6	99.6	99.6
≥ 20	65.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.5	99.5	99.5	99.6	99.7	99.7
≥ 10	65.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.5	99.5	99.6	99.7	99.7	99.9
≥ 0	65.6	91.9	93.9	95.2	95.7	96.0	97.3	98.2	98.8	98.9	99.5	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1972
 STATION

FORBES FLD MS
 STATION NAME

63-70,74-75
 YEARS

MAP
 MONTH
 21.00-23.00
 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	50.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 20000	51.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	51.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	51.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	51.4	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	52.6	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	54.5	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	54.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	57.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	59.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	60.3	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	61.3	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	62.2	78.5	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	62.6	79.1	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	63.4	80.2	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	64.0	80.9	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500	65.6	82.7	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	67.0	85.5	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	67.4	86.7	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	68.8	89.9	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	70.1	91.6	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	70.3	92.9	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	70.6	94.0	94.6	94.7	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	70.9	94.6	95.3	95.4	95.4	95.5	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	71.1	95.1	95.9	96.0	96.0	96.1	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	71.1	95.1	96.1	96.2	96.2	96.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	71.1	95.1	96.2	96.3	96.5	96.7	96.9	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 400	71.1	95.2	96.6	96.8	97.0	97.2	97.5	98.0	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6
≥ 300	71.1	95.3	96.8	97.0	97.2	97.4	97.7	98.2	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 200	71.1	95.3	96.8	97.0	97.2	97.4	97.8	98.3	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7
≥ 100	71.1	95.3	96.8	97.0	97.2	97.4	97.8	98.3	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8
≥ 0	71.1	95.3	96.8	97.0	97.2	97.4	97.8	98.3	98.9	99.4	99.6	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD KS

63-70,74-75

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	44.1	59.1	59.6	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2
≥ 20000	45.2	60.3	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 18000	45.2	60.3	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 16000	45.3	60.3	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 14000	45.5	60.6	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 12000	46.5	62.0	62.4	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 10000	48.7	65.1	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2
≥ 9000	49.7	65.7	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8
≥ 8000	51.0	68.3	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.5
≥ 7000	52.1	69.8	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.1
≥ 6000	53.5	71.8	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.1
≥ 5000	54.4	72.9	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.4
≥ 4500	55.0	73.9	74.6	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.5
≥ 4000	55.7	75.1	75.9	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.8
≥ 3500	56.6	76.3	77.1	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0
≥ 3000	57.5	77.8	78.6	78.9	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6
≥ 2500	59.4	80.6	81.6	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
≥ 2000	60.8	83.6	84.7	85.3	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0
≥ 1800	61.3	84.6	85.7	86.3	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.1
≥ 1500	62.2	87.0	88.3	89.0	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.1
≥ 1200	62.7	88.4	89.9	90.6	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
≥ 1000	63.1	89.6	91.2	92.0	92.7	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.7
≥ 900	63.2	90.1	91.8	92.7	93.4	93.6	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6
≥ 800	63.4	90.5	92.3	93.3	94.1	94.3	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.4
≥ 700	63.4	90.9	92.7	93.9	94.6	94.9	95.4	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1
≥ 600	63.4	91.0	92.9	94.2	95.0	95.3	95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.6	96.7
≥ 500	63.5	91.2	93.1	94.4	95.4	95.7	96.4	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.3	97.4
≥ 400	63.5	91.2	93.2	94.6	95.7	96.0	96.8	97.3	97.5	97.6	97.8	97.8	97.8	97.9	98.0	98.1
≥ 300	63.5	91.3	93.3	94.7	95.8	96.2	97.0	97.5	97.8	98.0	98.3	98.3	98.4	98.5	98.6	98.7
≥ 200	63.5	91.3	93.3	94.8	95.8	96.2	97.1	97.6	98.0	98.4	98.8	98.9	99.1	99.2	99.3	99.5
≥ 100	63.5	91.3	93.3	94.8	95.8	96.2	97.1	97.6	98.1	98.4	98.8	98.9	99.1	99.3	99.5	99.8
≥ 0	63.5	91.3	93.3	94.8	95.8	96.2	97.1	97.6	98.1	98.4	98.8	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11121

FORBES FLD KS

63-70,74-75

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.4	60.7	61.2	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 20000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 18000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 16000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 14000	44.7	61.9	62.4	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 12000	45.1	62.3	62.9	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000	46.3	64.6	65.2	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 9000	47.3	65.1	65.8	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 8000	48.7	67.1	67.9	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
≥ 7000	49.6	68.3	69.1	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
≥ 6000	50.2	70.3	71.1	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8
≥ 5000	52.3	73.6	74.4	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2
≥ 4500	53.9	74.7	75.9	76.2	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
≥ 4000	54.9	75.9	77.2	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1
≥ 3500	55.1	76.6	77.9	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 3000	56.4	79.1	80.4	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3
≥ 2500	58.0	80.9	82.3	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 2000	59.1	82.6	84.1	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 1800	60.0	83.6	85.2	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1
≥ 1500	62.7	86.7	88.3	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2
≥ 1200	63.8	88.0	89.7	90.0	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8
≥ 1000	63.9	89.1	90.8	91.2	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0
≥ 900	64.1	89.4	91.2	91.7	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 800	64.2	90.0	92.2	92.7	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7
≥ 700	64.2	90.6	92.8	93.6	94.0	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 600	64.6	91.0	93.4	94.3	94.9	95.1	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.2
≥ 500	64.6	91.0	93.6	94.7	95.3	95.6	96.4	96.6	96.7	96.8	97.0	97.0	97.0	97.0	97.1	97.3
≥ 400	64.6	91.0	93.6	94.7	95.4	95.8	96.7	96.8	97.0	97.1	97.3	97.3	97.3	97.4	97.4	97.7
≥ 300	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.3
≥ 200	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.6
≥ 100	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.8	98.9	99.4	99.6	99.7	99.7	99.7	99.9
≥ 0	64.6	91.1	93.8	95.0	96.0	96.3	97.3	97.8	98.8	98.9	99.4	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742 FORBES FLD KS

63-70,74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	40.6	56.9	57.4	57.6	58.0	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	59.1
≥ 2000	41.1	57.7	58.2	58.3	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.9
≥ 1800	41.1	57.7	58.2	58.3	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.9
≥ 1600	41.1	57.7	58.2	58.3	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.9
≥ 1400	41.1	57.8	58.3	58.4	58.9	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	60.0
≥ 1200	41.6	58.4	59.0	59.1	59.7	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 1000	42.4	59.4	60.0	60.1	60.7	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.8
≥ 900	43.1	61.0	61.6	61.7	62.2	62.3	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	63.3
≥ 800	46.3	65.0	65.6	65.7	66.2	66.3	66.4	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	67.3
≥ 700	47.4	66.7	67.2	67.3	67.9	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	69.0
≥ 600	49.7	68.2	68.8	68.9	69.6	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.7
≥ 500	50.2	70.6	71.1	71.2	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	73.0
≥ 450	51.2	71.8	72.3	72.4	73.2	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	74.3
≥ 400	52.1	73.0	73.6	73.7	74.4	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.6
≥ 350	53.3	74.4	75.1	75.1	75.9	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	77.0
≥ 300	54.8	76.3	77.0	77.1	78.0	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	79.1
≥ 250	55.9	78.7	79.3	79.4	80.3	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.4
≥ 200	56.7	79.9	80.6	80.7	81.7	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.8
≥ 1800	57.7	80.9	81.6	81.8	82.8	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	84.0
≥ 1500	59.6	83.9	84.6	84.8	85.8	85.9	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	87.0
≥ 1200	60.3	85.2	85.9	86.1	87.1	87.2	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	88.7
≥ 1000	61.7	86.4	87.2	87.4	88.4	88.7	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	90.1
≥ 900	61.2	87.3	88.1	88.3	89.3	89.6	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	91.0
≥ 800	62.1	89.4	90.2	90.6	91.6	91.8	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.0
≥ 700	62.1	90.0	90.9	91.4	92.6	92.8	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 600	62.3	90.3	91.3	91.9	93.0	93.2	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.7
≥ 500	62.3	90.4	91.7	92.2	93.6	93.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.7
≥ 400	62.4	90.7	92.0	92.7	94.2	94.6	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.9
≥ 300	62.6	90.9	92.2	92.9	94.4	94.9	96.4	96.8	96.9	97.1	97.4	97.6	97.8	97.8	97.8	98.4
≥ 200	62.6	90.9	92.3	93.0	94.7	95.1	96.7	97.0	97.2	97.4	97.9	98.0	98.2	98.2	98.2	98.9
≥ 100	62.6	90.9	92.3	93.0	94.7	95.1	96.7	97.1	97.3	97.6	98.0	98.3	98.6	98.6	98.7	99.3
≥ 0	62.6	90.9	92.3	93.0	94.7	95.1	96.7	97.2	97.4	97.7	98.2	98.6	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1702

FORBES FLD KS

63-70,74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥3/16	≥0
NO CEILING	32.2	52.7	53.3	53.6	53.8	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	55.0
≥ 20000	33.7	54.1	55.0	55.2	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
≥ 18000	33.7	54.1	55.0	55.2	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
≥ 16000	33.7	54.1	55.0	55.2	55.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
≥ 14000	33.7	54.4	55.3	55.6	55.8	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	57.0
≥ 12000	34.3	55.2	56.1	56.3	56.6	56.7	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.9
≥ 10000	35.3	56.9	57.8	58.0	58.2	58.3	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.7
≥ 9000	35.4	57.6	58.4	58.7	58.9	59.0	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	60.3
≥ 8000	37.0	60.4	61.4	61.8	62.1	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.8
≥ 7000	38.6	62.7	63.7	64.0	64.3	64.6	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	66.0
≥ 6000	39.4	65.1	66.2	66.6	67.0	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.7
≥ 5000	39.9	66.1	67.2	67.6	68.0	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.7
≥ 4500	40.7	67.4	68.6	68.9	69.4	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	71.2
≥ 4000	41.2	68.4	69.9	70.3	70.9	71.2	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.7
≥ 3500	42.1	69.3	70.9	71.3	72.0	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.8
≥ 3000	43.2	71.3	73.1	73.6	74.3	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	76.1
≥ 2500	44.3	73.7	75.4	76.0	76.8	77.1	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.7
≥ 2000	45.4	76.3	78.1	78.8	79.6	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	81.4
≥ 1800	45.8	76.9	78.7	79.3	80.3	80.7	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	82.2
≥ 1500	46.6	79.0	80.8	81.7	82.8	83.1	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.7
≥ 1200	47.1	80.4	82.2	83.2	84.3	84.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.7
≥ 1000	47.1	81.0	83.0	84.2	85.4	86.0	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.6	88.1
≥ 900	47.2	81.8	84.0	85.2	86.4	87.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.6	89.1
≥ 800	47.4	82.3	84.9	86.2	87.4	88.0	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.6	90.1
≥ 700	47.6	82.8	85.7	87.3	88.7	89.2	90.3	90.7	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.6
≥ 600	47.6	83.1	86.3	88.1	89.7	90.3	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.6	93.1
≥ 500	47.6	83.4	87.3	89.3	91.2	92.1	94.1	94.6	94.7	94.8	94.9	94.9	94.9	95.0	95.1	95.7
≥ 400	47.6	83.4	87.7	89.8	92.2	93.1	95.4	96.1	96.3	96.4	96.7	96.7	96.7	96.8	96.9	97.4
≥ 300	47.6	83.4	87.7	89.8	92.3	93.3	96.0	97.0	97.2	97.4	97.8	97.8	97.8	97.8	98.0	98.7
≥ 200	47.6	83.4	87.7	89.9	92.4	93.4	96.1	97.1	97.4	97.8	98.2	98.2	98.2	98.4	98.6	99.1
≥ 100	47.6	83.4	87.7	89.9	92.4	93.4	96.1	97.1	97.4	97.8	98.2	98.2	98.3	98.6	98.8	99.4
≥ 0	47.6	83.4	87.7	89.9	92.4	93.4	96.1	97.1	97.4	97.8	98.2	98.2	98.3	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17421

FORBES FLD KS

63-70,74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	36.0	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
≥ 20000	36.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
≥ 18000	38.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
≥ 16000	38.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
≥ 14000	38.2	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 12000	38.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
≥ 10000	39.9	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 9000	40.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
≥ 8000	42.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
≥ 7000	43.0	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 6000	43.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 5000	44.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 4500	44.3	69.3	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 4000	45.7	70.7	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 3500	46.1	71.3	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
≥ 3000	47.4	74.1	74.8	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 2500	49.2	76.9	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 2000	50.7	79.6	80.7	80.9	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 1800	51.4	81.2	82.4	82.7	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 1500	52.3	83.9	85.3	85.8	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 1200	52.9	85.6	87.1	87.6	87.6	87.6	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
≥ 1000	53.0	86.4	88.2	88.7	88.9	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 900	53.2	87.4	89.2	89.7	89.9	90.1	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3
≥ 800	53.2	88.0	90.2	91.0	91.2	91.4	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.8
≥ 700	53.3	88.1	90.3	91.4	92.1	92.3	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.7	93.8
≥ 600	53.4	88.8	91.0	92.3	93.4	93.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.6	95.7
≥ 500	53.4	89.3	91.6	93.0	94.3	94.8	96.0	96.3	96.4	96.6	96.7	96.7	96.8	96.9	97.0	97.0
≥ 400	53.4	89.3	91.9	93.4	95.1	95.8	97.4	97.9	98.2	98.3	98.4	98.4	98.6	98.7	98.8	98.8
≥ 300	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.9	99.9
≥ 200	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.6	99.7	99.7	99.8	99.9	100.0	100.0
≥ 100	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.6	99.7	99.7	99.8	99.9	100.0	100.0
≥ 0	53.4	89.3	92.0	93.7	95.6	96.2	97.9	98.6	99.0	99.6	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1962

FORBES FLD KS

63-70, 74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	40.6	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	42.3	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	43.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	44.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9500	45.1	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	46.1	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	46.6	66.3	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	47.0	67.2	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	47.8	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	48.4	70.0	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	49.7	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	50.4	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000	52.2	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	54.2	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000	56.7	86.0	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	57.4	87.1	88.1	88.2	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	57.9	89.7	90.8	90.9	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	58.3	90.9	92.1	92.2	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	58.6	91.7	93.1	93.4	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	58.7	92.1	93.8	94.1	94.9	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	58.8	92.7	94.7	95.4	96.4	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	58.9	92.8	94.9	95.8	96.9	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	58.9	93.2	95.4	96.4	97.7	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	58.9	93.3	95.8	96.9	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	58.9	93.3	95.9	97.0	98.3	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.9	93.3	95.9	97.0	98.3	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1702

FORBES FLD KS

63-70,74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	38.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	41.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	41.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6700	41.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	41.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2000	42.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	44.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	45.3	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	46.3	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	46.3	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	48.0	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	49.0	73.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	49.8	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	51.9	78.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	53.3	80.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	54.7	83.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	57.7	87.9	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	57.9	89.0	90.3	90.3	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	59.1	89.9	91.3	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	59.2	91.7	93.4	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	59.6	92.3	94.1	94.4	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	60.0	92.9	94.7	95.1	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	60.2	93.3	95.2	95.7	96.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	60.2	93.3	95.2	95.7	96.6	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	60.2	93.6	95.7	96.1	97.0	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	60.2	93.6	95.8	96.4	97.4	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 500	60.2	93.6	95.9	96.7	97.8	98.0	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.4	99.4
≥ 400	60.2	93.6	95.9	96.7	97.9	98.2	98.9	99.3	99.3	99.3	99.3	99.4	99.4	99.7	99.8	99.8
≥ 300	60.2	93.6	95.9	96.7	97.9	98.3	99.0	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 200	60.2	93.6	95.9	96.7	97.9	98.3	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0
≥ 100	60.2	93.6	95.9	96.7	97.9	98.3	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0
≥ 0	60.2	93.6	95.9	96.7	97.9	98.3	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 20

FORBES FLD KS

63-70,74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	40.0	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	42.7	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	42.9	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	42.3	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	43.3	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	44.4	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	46.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	46.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	48.6	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	50.5	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	52.3	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	53.4	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	55.2	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	56.6	83.5	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	57.9	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	58.8	87.4	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	60.2	90.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	60.9	92.0	92.5	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	61.2	92.4	93.0	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	61.8	93.5	94.4	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	62.0	93.8	94.9	95.4	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	62.3	94.1	95.3	96.0	96.4	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	62.3	94.1	95.4	96.1	96.5	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	62.3	94.1	95.4	96.3	96.8	97.0	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	62.3	94.2	95.5	96.7	97.2	97.4	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	62.3	94.2	95.5	96.7	97.4	97.7	98.1	98.2	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6
≥ 500	62.3	94.2	95.5	96.7	97.4	97.7	98.3	98.4	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	62.3	94.2	95.5	96.7	97.8	98.0	98.9	99.0	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
U	62.3	94.2	95.5	96.7	98.0	98.2	99.3	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13621
STATION

FORBES FLD KS
STATION NAME

63-70,74-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	46.7	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	47.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	47.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	47.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	47.6	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	48.4	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	50.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	50.8	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	52.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
≥ 7000	53.7	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 6000	54.7	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 5000	55.9	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 4500	56.9	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.6
≥ 4000	58.0	82.1	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 3500	58.8	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 3000	60.8	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 2500	61.6	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 2000	63.1	90.6	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 1800	63.4	91.3	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 1500	64.5	93.4	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 1200	65.0	94.2	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1000	65.1	94.9	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 900	65.1	94.9	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 800	65.1	95.0	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 700	65.2	95.1	95.5	96.2	96.5	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 600	65.4	95.3	95.9	96.5	96.9	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 500	65.4	95.5	96.1	96.9	97.3	97.3	97.5	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 400	65.4	95.7	96.2	97.1	97.8	97.8	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 200	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 100	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 0	65.4	96.0	96.5	97.7	98.3	98.3	98.6	98.9	99.3	99.6	99.6	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1992

FORBES FLD KS

63-70,74-75

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	39.6	58.3	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 18000	41.4	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	61.0
≥ 16000	41.4	60.1	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	61.0
≥ 14000	41.5	60.4	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2
≥ 12000	42.2	61.3	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 10000	43.3	63.3	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 8000	44.2	64.2	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1
≥ 6000	46.0	66.7	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8
≥ 4000	47.7	68.4	68.9	69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6
≥ 3000	48.1	70.2	70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
≥ 2000	49.1	72.3	72.9	73.0	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6
≥ 1500	50.1	73.8	74.4	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2
≥ 1000	51.2	75.6	76.3	76.5	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1
≥ 800	52.1	77.0	77.7	77.9	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 600	53.6	79.5	80.3	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3
≥ 400	55.1	82.2	83.1	83.3	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
≥ 300	56.3	84.5	85.5	85.8	86.1	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.7
≥ 200	56.9	85.4	86.5	86.7	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8
≥ 100	58.1	87.7	88.9	89.3	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4
≥ 80	58.6	88.8	90.1	90.5	91.0	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.8
≥ 60	58.9	89.6	90.9	91.5	92.1	92.3	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1
≥ 40	59.0	90.0	91.5	92.1	92.7	92.9	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.8
≥ 30	59.2	90.6	92.3	93.0	93.6	93.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.8
≥ 20	59.2	90.9	92.7	93.6	94.4	94.6	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.7
≥ 10	59.3	91.2	93.1	94.1	95.1	95.3	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.6
≥ 5	59.3	91.4	93.4	94.5	95.6	96.0	96.9	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.7
≥ 3	59.4	91.4	93.6	94.7	96.1	96.5	97.6	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.6
≥ 2	59.4	91.5	93.7	94.9	96.4	96.8	98.0	98.5	98.7	98.9	99.1	99.1	99.2	99.2	99.3	99.5
≥ 1	59.4	91.5	93.7	94.9	96.4	96.8	98.1	98.6	98.9	99.1	99.3	99.4	99.5	99.5	99.6	99.8
≥ 0	59.4	91.5	93.7	94.9	96.4	96.8	98.1	98.6	98.9	99.1	99.3	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
112

STATION NAME
FORBES FLD KS

YEARS
63-70, 73-74

MONTH
MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MOON
0000-02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64
NO. CEILINGS ≥ 20000	46.3	64.2	64.3	64.5	64.5	64.5	64.6	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65
≥ 18000	47.4	64.9	65.2	65.5	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66
≥ 16000	47.4	64.9	65.2	65.5	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66
≥ 14000	47.6	65.2	65.4	65.7	65.7	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66
≥ 12000	48.3	65.8	66.0	66.3	66.3	66.3	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66
≥ 10000	51.3	69.2	69.5	69.8	69.8	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70
≥ 8000	52.0	70.1	70.3	70.6	70.6	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71
≥ 7000	54.4	73.0	73.2	73.5	73.5	73.5	73.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74
≥ 6000	55.5	75.6	75.8	76.1	76.1	76.1	76.2	76.2	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76
≥ 5000	55.9	77.1	77.3	77.6	77.6	77.6	77.7	77.7	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78
≥ 4500	57.1	78.9	79.2	79.6	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80
≥ 4000	57.6	80.4	80.8	81.1	81.1	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81
≥ 3500	59.5	82.7	83.1	83.3	83.3	83.4	83.5	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84
≥ 3000	60.9	84.5	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85
≥ 2500	61.3	85.3	85.6	85.9	86.0	86.1	86.2	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86
≥ 2000	62.2	87.1	87.5	87.8	88.1	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88
≥ 1800	62.3	88.3	88.7	89.4	89.6	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90
≥ 1600	63.3	89.4	89.8	90.4	90.6	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91
≥ 1400	64.3	91.6	92.0	92.7	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93
≥ 1200	65.1	92.7	93.2	93.9	94.1	94.2	94.3	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94
≥ 1000	65.7	94.0	94.6	95.3	95.5	95.6	95.7	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96
≥ 900	65.3	94.3	94.9	95.6	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96
≥ 800	66.0	94.4	95.1	95.7	95.9	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96
≥ 700	66.7	95.3	95.9	96.6	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97
≥ 600	66.3	95.7	96.3	97.0	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97
≥ 500	66.9	96.0	96.7	97.3	97.8	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98
≥ 400	66.9	96.0	96.7	97.3	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98
≥ 300	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.5	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99
≥ 200	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.6	98.8	99.1	99.1	99.1	99.4	99.4	99.5	99
≥ 100	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.7	98.9	99.4	99.4	99.4	99.7	99.7	99.8	99
≥ 0	66.9	96.0	96.7	97.3	98.0	98.2	98.5	98.7	98.9	99.4	99.4	99.4	99.7	99.7	99.8	99

TOTAL NUMBER OF OBSERVATIONS

UNCLASSIFIED USAFETAC/DS-82/008

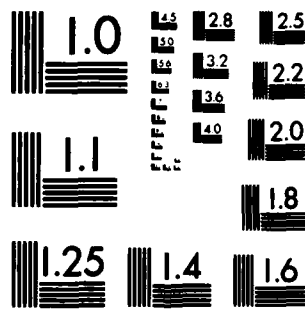
SBI-AD-F850 140

NL

3 = 6

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d}{dt} \right)$$

13226



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973

FORBES FLD KS

63-70,73-74

YEAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	40.3	57.6	58.0	58.2	58.4	58.5	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.2
≥ 18000	42.7	59.9	60.2	60.4	60.8	60.9	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.8
≥ 16000	42.7	60.0	60.3	60.5	60.9	61.0	61.2	61.2	61.3	61.3	61.5	61.6	61.6	61.7	61.7	61.9
≥ 14000	42.8	60.1	60.4	60.6	61.0	61.1	61.3	61.4	61.4	61.6	61.7	61.7	61.8	61.8	61.8	62.0
≥ 12000	43.3	60.6	61.0	61.2	61.5	61.6	61.8	61.9	61.9	62.2	62.3	62.3	62.4	62.4	62.4	62.6
≥ 10000	45.6	63.1	63.4	63.7	64.0	64.1	64.3	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.8	65.1
≥ 8000	47.5	66.0	66.3	66.6	66.9	67.0	67.2	67.3	67.3	67.5	67.6	67.6	67.7	67.7	67.7	68.0
≥ 6000	49.4	69.7	70.0	70.2	70.5	70.6	70.9	71.0	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.6
≥ 5000	50.4	71.6	71.9	72.2	72.6	72.7	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.7
≥ 4500	51.4	74.2	74.5	74.7	75.2	75.3	75.5	75.6	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.2
≥ 4000	52.3	76.3	76.7	76.9	77.4	77.5	77.7	77.8	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.5
≥ 3500	54.1	78.9	79.2	79.5	80.0	80.1	80.3	80.4	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.1
≥ 3000	54.8	80.4	80.8	81.0	81.5	81.6	81.8	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.6
≥ 2500	55.4	81.1	81.4	81.6	82.2	82.3	82.5	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.2
≥ 2000	56.0	82.5	82.8	83.2	83.9	84.0	84.2	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.9
≥ 1800	56.9	83.8	84.1	84.5	85.3	85.5	85.7	85.8	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.5
≥ 1500	57.4	84.6	85.1	85.5	86.2	86.5	86.7	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.4
≥ 1200	58.4	87.3	87.7	88.3	89.1	89.4	89.6	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.3
≥ 1000	59.2	88.7	89.4	89.9	90.8	91.0	91.2	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.9
≥ 900	60.0	90.0	90.6	91.2	92.2	92.4	92.6	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.3
≥ 800	60.2	90.2	90.9	91.4	92.4	92.6	92.8	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.5
≥ 700	60.4	90.6	91.3	91.8	92.8	93.0	93.2	93.3	93.3	93.5	93.7	93.7	93.8	93.8	93.8	94.0
≥ 600	60.8	91.3	91.9	92.6	93.8	94.0	94.3	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	95.1
≥ 500	60.9	91.7	92.4	93.0	94.3	94.6	94.9	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.7
≥ 400	60.9	91.9	92.8	93.5	95.3	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.7
≥ 300	60.9	92.3	93.2	94.1	95.8	96.1	96.5	96.6	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 200	60.9	92.4	93.3	94.2	96.0	96.3	97.0	97.2	97.2	97.5	97.6	97.6	97.7	97.7	97.7	98.0
≥ 100	60.9	92.4	93.4	94.3	96.1	96.5	97.1	97.3	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.6
≥ 0	60.9	92.4	93.4	94.3	96.1	96.5	97.1	97.3	97.3	97.8	98.4	98.5	99.0	99.0	99.0	99.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. STATION FORBES FLD KS

63-70, 73-74

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	31.5	53.2	53.5	53.8	54.5	54.7	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	23.2	55.4	55.9	56.1	56.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	33.2	55.4	55.9	56.1	56.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	33.2	55.4	55.9	56.1	56.9	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	33.7	55.8	56.3	56.6	57.3	57.5	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	34.4	56.8	57.3	57.5	58.3	58.5	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	37.3	61.3	61.9	62.3	63.0	63.2	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	37.6	62.0	62.7	63.0	63.8	64.0	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	39.7	65.1	65.9	66.3	67.1	67.3	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	42.0	68.6	69.5	69.9	70.9	71.1	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	42.7	70.6	71.5	71.9	73.1	73.3	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	43.7	72.7	73.5	74.0	75.2	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	44.0	73.8	74.6	75.1	76.2	76.5	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	45.3	75.8	76.7	77.1	78.4	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	45.4	76.0	76.9	77.3	78.7	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	46.0	77.4	78.3	79.0	80.4	80.6	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	46.5	78.5	79.4	80.1	81.5	81.7	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	47.2	80.2	81.2	81.9	83.3	83.7	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	47.3	81.0	81.9	82.7	84.1	84.4	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	48.2	83.2	84.2	85.1	86.5	86.9	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	49.7	86.0	87.0	88.0	89.4	89.8	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	49.9	87.5	88.6	89.7	91.1	91.6	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	50.1	88.0	89.1	90.2	91.8	92.4	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	50.3	88.5	89.8	91.0	92.6	93.1	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	50.6	89.0	90.3	91.5	93.1	93.7	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	50.6	89.1	90.4	91.7	93.5	94.1	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	50.6	89.2	90.5	91.9	93.9	94.4	95.4	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	50.6	89.4	91.0	92.5	94.8	95.5	96.6	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	50.6	89.4	91.1	92.6	95.1	95.8	96.9	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	50.6	89.4	91.1	92.6	95.2	95.9	97.0	97.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7
≥ 100	50.6	89.4	91.2	92.7	95.3	96.0	97.1	97.8	98.1	98.4	98.8	98.8	99.1	99.2	99.2	99.4
≥ 0	50.6	89.4	91.2	92.7	95.3	96.0	97.1	97.8	98.1	98.4	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 121

FORBES FLD KS

63-70, 73-74

WAV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	34.1	57.3	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	40.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	40.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	40.9	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	41.2	60.5	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	41.6	61.0	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	42.3	63.7	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	43.4	64.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	45.6	68.2	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	46.9	70.9	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	48.3	73.6	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	48.7	75.1	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	48.9	75.8	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	49.9	77.7	78.3	78.6	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	50.2	78.3	78.8	79.1	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	51.6	80.7	81.3	81.6	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2500	52.6	83.3	84.0	84.3	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	53.2	85.4	86.0	86.3	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	53.7	86.3	87.1	87.4	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	55.3	89.1	90.0	90.4	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	56.7	91.0	92.0	92.5	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	56.7	92.6	93.6	94.1	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	56.8	92.8	93.9	94.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	57.2	93.5	94.7	95.2	96.3	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	57.4	94.1	95.4	95.9	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	57.4	94.2	95.6	96.2	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	57.6	94.5	96.0	96.9	98.3	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	57.6	94.6	96.2	97.3	98.9	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.6	94.7	96.3	97.4	99.0	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1752

FORBES FLD KS

63-70, 73-74

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	37.3	58.4	58.6	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 2000	41.4	60.2	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1800	41.4	60.2	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1600	41.4	60.2	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1400	41.4	60.2	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1200	42.1	61.2	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1000	42.9	63.3	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 900	44.2	65.1	65.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 800	46.6	68.5	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 700	48.1	71.7	72.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 600	48.7	72.6	73.0	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 500	49.7	74.8	75.2	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 450	50.3	75.8	76.2	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 400	52.3	79.2	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 350	53.7	81.1	81.6	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 300	55.8	84.5	85.0	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 250	56.8	87.8	88.4	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 200	58.0	90.6	91.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 180	58.2	91.3	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 150	57.2	93.0	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 120	59.7	94.2	95.2	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	59.7	94.7	95.7	96.3	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 90	59.7	94.8	95.8	96.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 80	59.7	94.9	96.0	96.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 70	59.7	94.9	96.0	96.4	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 60	59.8	95.3	96.4	97.0	98.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 50	59.8	95.5	96.7	97.3	98.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 40	59.8	95.5	96.7	97.3	98.5	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 30	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.8	95.5	96.7	97.3	98.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17523
STATION

FORBES FLD KS
STATION NAME

63-70,73-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING ≥ 27000	40.9	60.9	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000 ≥ 6000	44.9	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000 ≥ 2000	45.2	65.5	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000 ≥ 9000	45.2	65.5	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000 ≥ 7000	46.0	66.5	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000 ≥ 5000	47.2	68.9	69.0	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500 ≥ 4000	48.2	71.0	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3500 ≥ 3000	50.5	74.2	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500 ≥ 2000	52.3	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800 ≥ 1500	53.1	79.8	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1200 ≥ 1000	53.8	81.4	81.7	81.8	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 900 ≥ 800	54.1	82.0	82.5	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 700 ≥ 600	56.2	85.5	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 500 ≥ 400	56.8	86.8	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 300 ≥ 200	58.2	88.8	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 100 ≥ 0	59.9	92.2	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 0	60.6	93.3	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 0	60.8	93.7	94.3	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 0	61.6	94.8	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	61.6	95.1	95.8	96.0	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0	61.6	95.7	96.5	96.7	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	61.7	95.9	96.7	97.1	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	61.7	96.0	96.8	97.2	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	61.7	96.0	97.0	97.4	97.6	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	61.8	96.1	97.3	97.7	98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	61.8	96.1	97.3	97.7	98.5	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.8	96.1	97.3	97.7	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2

FORBES FLD KS

63-70, 73-74

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	45.2	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	48.3	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1800	48.0	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1600	48.0	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1400	49.1	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1200	49.1	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	50.0	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 900	50.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 800	53.3	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 700	54.5	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 600	55.4	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 500	55.7	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 450	56.1	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 400	57.4	87.3	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 350	58.6	89.2	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 300	59.0	89.9	90.3	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 250	59.6	91.1	91.6	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	60.0	91.6	92.3	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	60.5	92.3	92.9	93.0	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	61.0	93.1	93.8	93.9	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	61.5	94.1	94.8	94.9	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	61.5	94.3	95.2	95.3	96.1	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	61.5	94.5	95.5	95.6	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	61.6	94.9	95.9	96.0	97.0	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	61.7	95.1	96.0	96.2	97.2	97.2	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	61.9	95.4	96.7	96.9	97.8	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	61.9	95.5	96.8	97.0	98.0	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	61.9	95.6	97.1	97.3	98.3	98.5	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	61.9	95.6	97.1	97.3	98.3	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2
STATION

FORBES FLD KS

STATION NAME

63-70,73-74

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	49.1	68.9	69.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	51.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	51.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	51.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	51.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	51.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	53.0	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	53.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	55.7	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	56.7	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	58.0	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	58.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	59.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	61.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	61.9	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	62.4	89.1	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	63.1	90.3	90.5	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	63.7	91.7	91.9	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	63.8	92.4	92.6	92.6	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	64.1	93.7	93.9	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	64.5	94.3	94.5	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	65.1	95.3	95.5	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	65.1	95.3	95.5	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	65.3	96.0	96.2	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	65.7	96.8	97.0	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	65.7	97.2	97.5	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	65.7	97.5	97.8	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	65.7	97.7	98.3	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	65.7	97.7	98.3	98.6	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	65.7	97.8	98.4	98.7	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.7	97.8	98.4	98.7	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.7	97.8	98.4	98.7	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2

FORBES FLD KS

63-70,73-74

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.V.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	41.5	60.9	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 2000	43.7	63.3	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 1800	43.7	63.4	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 1600	43.7	63.4	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2
≥ 1400	43.9	63.5	63.7	63.9	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 1200	44.6	64.4	64.6	64.7	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 1000	46.3	67.2	67.4	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	69.1
≥ 900	46.9	68.2	68.5	68.6	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 800	47.2	71.6	71.8	72.1	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 700	50.7	74.3	74.6	74.8	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 600	51.6	76.3	76.6	76.8	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5
≥ 500	52.3	78.1	78.4	78.7	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 450	52.9	79.2	79.6	79.8	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
≥ 400	54.5	81.8	82.2	82.4	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 350	55.3	83.1	83.5	83.7	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 300	56.2	84.6	85.1	85.3	85.7	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 250	57.1	86.6	87.1	87.4	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 200	57.8	88.1	88.7	89.0	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 180	58.1	88.9	89.5	89.8	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 150	59.0	90.7	91.4	91.8	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 120	59.6	92.0	92.7	93.2	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 100	60.0	93.0	93.4	94.2	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 90	60.1	93.2	94.0	94.5	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 80	60.3	93.6	94.5	95.0	95.8	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 70	60.5	94.1	94.9	95.5	96.4	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 60	60.6	94.3	95.3	95.9	96.9	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 50	60.7	94.5	95.6	96.2	97.3	97.5	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 40	60.7	94.6	95.8	96.5	97.7	98.0	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 30	60.7	94.7	95.8	96.6	97.8	98.1	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 20	60.7	94.7	95.9	96.6	97.9	98.1	98.7	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6
≥ 10	60.7	94.7	95.9	96.6	97.9	98.2	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8
≥ 0	60.7	94.7	95.9	96.6	97.9	98.2	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1723

FORBES FLD MS

63-70,73-74

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.2	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3
≥ 20000	52.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
≥ 18000	52.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
≥ 16000	52.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 14000	52.9	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6
≥ 12000	53.3	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 10000	55.9	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
≥ 9000	56.3	78.4	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 8000	57.8	80.4	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
≥ 7000	59.9	83.0	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6
≥ 6000	61.4	85.2	85.4	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
≥ 5000	62.2	86.8	87.0	87.2	87.3	87.3	87.4	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9
≥ 4500	63.3	88.1	88.3	88.6	88.7	88.7	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 4000	64.1	90.2	90.8	91.0	91.2	91.2	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 3500	64.6	91.0	91.7	91.9	92.1	92.1	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 3000	64.9	91.6	92.2	92.4	92.7	92.7	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 2500	65.3	92.9	93.6	93.8	94.0	94.0	94.2	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7
≥ 2000	65.3	93.3	94.1	94.3	94.6	94.6	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1800	65.4	93.4	94.2	94.4	94.7	94.7	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 1500	65.9	94.0	94.8	95.0	95.2	95.2	95.4	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1200	66.1	94.4	95.2	95.4	95.7	95.7	95.9	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1000	66.4	94.9	95.8	96.0	96.2	96.2	96.4	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 900	66.6	95.1	96.0	96.2	96.4	96.4	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 800	66.7	95.3	96.2	96.7	97.0	97.0	97.2	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 700	66.7	95.8	96.7	97.1	97.4	97.4	97.7	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 600	66.7	95.8	96.7	97.1	97.4	97.4	97.7	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 500	66.7	95.9	96.9	97.4	97.9	97.9	98.2	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 400	66.7	96.0	97.0	97.6	98.2	98.2	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 300	66.7	96.2	97.2	97.8	98.7	98.7	99.1	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	66.7	96.4	97.4	98.0	98.9	98.9	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	66.7	96.4	97.4	98.0	98.9	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	66.7	96.4	97.4	98.0	98.9	98.9	99.3	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13921

FORBES FLD KS

63-70, 73-74

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 25000	41.7	62.4	63.4	63.6	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.7
IV 18000	42.7	64.4	65.6	65.9	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.0
IV 16000	42.7	64.4	65.6	65.9	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	67.0
IV 14000	42.7	65.1	66.2	66.6	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.7
IV 12000	43.4	66.1	67.2	67.6	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.7
IV 10000	46.1	69.7	70.8	71.2	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.4
IV 9000	46.6	70.2	71.3	71.8	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.0
IV 8000	48.4	74.0	75.3	75.8	76.4	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1
IV 7000	51.2	77.2	78.7	79.1	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.4
IV 6000	52.6	79.0	80.6	81.0	81.7	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.4
IV 5000	53.3	81.1	82.7	83.1	83.8	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.6
IV 4500	54.1	82.3	84.0	84.4	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.9
IV 4000	55.7	85.1	87.1	87.6	88.3	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3
IV 3500	56.7	86.3	88.6	89.0	89.8	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.8
IV 3000	57.6	87.3	89.6	90.0	90.8	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.8
IV 2500	57.7	87.9	90.1	90.7	91.4	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.6
IV 2000	57.9	88.4	90.7	91.2	92.0	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.1
IV 1800	58.0	88.6	90.8	91.3	92.1	92.1	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2
IV 1600	58.1	89.1	91.3	91.9	92.7	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
IV 1400	58.2	89.8	92.1	92.7	93.6	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.8
IV 1200	58.9	90.8	93.4	94.0	94.9	94.9	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.1
IV 1000	59.2	91.1	93.9	94.4	95.3	95.3	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.6
IV 900	59.4	91.3	94.1	94.7	95.6	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.8
IV 800	59.6	91.7	94.4	95.0	96.0	96.0	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.3
IV 700	59.8	92.1	95.0	95.6	96.6	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.8
IV 600	59.9	92.6	95.4	96.1	97.1	97.1	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.7
IV 500	59.9	92.6	95.4	96.1	97.2	97.3	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	99.1
IV 400	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.6
IV 300	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.7
IV 200	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	100.0
IV 100	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	100.0
IV 0	59.9	92.8	95.9	96.6	97.7	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

172

FORBES FLD KS

63-70,73-74

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO. OBSERVATIONS	31.3	53.7	54.9	55.2	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.1
≥ 20000	53.2	56.1	57.3	57.7	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥ 18000	53.2	56.2	57.4	57.8	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 16000	53.2	56.2	57.4	57.8	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 14000	33.2	56.6	57.8	58.1	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.0
≥ 12000	34.1	57.8	59.0	59.4	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.3
≥ 10000	37.9	64.6	65.8	66.3	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.6
≥ 9000	38.7	66.1	67.3	67.9	68.4	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.1
≥ 8000	41.1	71.2	72.4	73.2	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.4
≥ 7000	42.1	73.4	74.9	75.7	76.2	76.3	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	77.0
≥ 6000	42.4	75.1	76.7	77.4	78.0	78.1	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.9
≥ 5000	43.6	77.8	79.3	80.1	80.7	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.6
≥ 4500	43.7	78.4	80.1	80.9	81.4	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.4
≥ 4000	45.2	81.3	83.1	84.0	84.8	85.0	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.9
≥ 3500	45.9	82.0	83.8	84.7	85.4	85.7	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥ 3000	46.6	83.1	84.9	85.8	86.6	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.7
≥ 2500	46.7	83.9	85.3	86.7	87.6	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.7
≥ 2000	47.9	85.4	87.6	88.4	89.4	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5
≥ 1800	47.9	85.7	87.8	88.7	89.8	90.0	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9
≥ 1500	48.4	86.9	89.1	90.0	91.3	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 1200	48.5	87.7	89.9	90.9	92.2	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.6
≥ 1000	49.2	88.6	90.8	91.8	93.2	93.6	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.6
≥ 900	49.2	88.7	91.0	92.0	93.7	94.1	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 800	49.3	89.2	91.6	92.7	94.3	94.8	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.8
≥ 700	49.6	89.6	91.9	93.0	95.1	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
≥ 600	49.7	90.3	92.7	93.8	96.0	96.4	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 500	49.9	90.7	93.3	94.8	97.0	97.4	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.7
≥ 400	49.9	90.7	93.3	94.8	97.2	97.7	98.4	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.3
≥ 300	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.9
≥ 200	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.7	100.0
≥ 100	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.7	100.0
≥ 0	49.9	90.9	93.6	95.1	97.6	98.0	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2
STATION

FORBES FLD KS

STATION NAME

63-70, 73-74

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

8900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO. TESTS ≥ 27000	35.9	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	37.8	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 15000	37.8	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	38.3	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	39.6	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	43.3	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	43.6	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	46.0	73.1	73.4	73.6	73.6	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	46.6	75.1	75.4	75.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	47.1	76.3	76.7	76.9	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	47.8	77.8	78.1	78.3	78.4	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	48.7	78.9	79.3	79.6	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	49.9	80.6	81.0	81.2	81.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	49.9	80.9	81.4	81.7	81.8	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	50.4	82.1	82.7	82.9	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	52.0	84.4	85.0	85.2	85.3	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	53.4	86.9	87.4	87.7	87.8	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	53.9	88.3	88.9	89.2	89.3	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500	55.7	91.3	91.9	92.2	92.3	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	56.2	92.6	93.2	93.6	93.7	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	56.6	94.1	94.9	95.3	95.6	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	56.9	94.4	95.2	95.7	95.9	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	57.1	94.9	95.8	96.3	96.6	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	57.1	95.2	96.3	96.9	97.3	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	57.1	95.6	96.7	97.2	97.7	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	57.2	96.0	97.2	97.9	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.2	96.2	97.6	98.2	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742 FORBES FLD MS

63-70, 73-74

JUN

STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
1700-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 1/16	≥ 1/32
NO RECORD ≥ 20000	41.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	42.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	42.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	42.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	42.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	43.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	46.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	47.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	48.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	49.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	49.8	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	50.3	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	51.1	78.0	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	53.0	81.6	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	53.9	82.7	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	55.2	85.0	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	57.9	88.6	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	59.4	91.4	92.3	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	59.4	92.0	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	60.4	93.7	94.6	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	60.9	94.4	95.3	95.3	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	61.0	95.4	96.4	96.4	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	61.1	95.6	96.6	96.6	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	61.1	96.0	97.1	97.1	97.3	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 100	61.1	96.6	97.7	97.7	97.9	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 50	61.1	96.7	97.8	98.0	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 25	61.1	96.8	97.9	98.1	98.6	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 10	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 5	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	61.1	96.9	98.1	98.3	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-2

FORBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 10000	45.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	47.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	47.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	47.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2000	47.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1000	48.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 800	50.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 600	51.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 400	53.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 200	54.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 100	54.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 0	55.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1000	56.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 800	57.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 600	59.3	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 400	61.0	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 200	62.1	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100	63.2	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 0	63.2	95.4	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	63.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	63.4	96.1	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	63.7	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 400	63.7	97.3	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 200	63.7	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 100	63.7	97.6	98.1	98.1	98.1	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 0	63.7	97.8	98.3	98.3	98.4	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 1000	63.7	97.8	98.4	98.4	98.6	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 800	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 600	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 400	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	63.7	97.8	98.6	98.6	98.7	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1962 FOPRES FLD KS

63-70, 73-74

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING ≥ 20000	49.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	51.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	51.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	51.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	52.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	53.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	53.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	54.3	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	55.4	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	56.3	85.3	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	58.6	87.9	88.0	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	60.2	89.8	89.9	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	60.7	91.2	91.6	91.6	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	61.1	91.8	92.1	92.1	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	62.0	92.8	93.1	93.1	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	63.2	94.4	94.8	94.8	95.1	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	63.6	95.1	95.6	95.6	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	63.7	95.3	95.8	95.8	96.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	63.7	95.6	96.0	96.0	96.4	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	63.8	96.2	96.7	96.7	97.3	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	63.8	96.4	97.0	97.0	97.7	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	63.8	96.6	97.1	97.1	97.8	97.9	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	63.8	96.7	97.2	97.2	97.9	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	63.8	96.8	97.3	97.3	98.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	63.8	96.9	97.4	97.4	98.1	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	63.8	96.9	97.4	97.6	98.2	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	63.8	97.0	97.6	97.8	98.6	98.7	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.8	97.0	97.6	97.8	98.6	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17021

FORBES FLD MS

63-70, 73-74

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.25	≥ 1.5	≥ 1.75	≥ 2	≥ 2.25	≥ 2.5	≥ 2.75	≥ 3	≥ 3.25	≥ 3.5	≥ 4
NO RECORDS	52.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	54.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	54.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	54.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	54.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	54.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	56.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	57.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	58.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	60.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	61.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	62.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6
≥ 4500	64.4	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	65.2	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	65.6	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	66.7	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	66.9	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	67.2	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	67.3	95.3	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	67.9	96.2	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	68.1	96.8	97.4	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	68.3	97.1	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	68.3	97.3	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	68.3	97.3	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	68.4	97.4	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	68.4	97.4	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	68.4	97.9	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	68.4	98.0	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	68.4	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1772

FORBES FLD KS

63-70, 73-74

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	43.5	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
≥ 2000	45.3	67.5	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 1800	45.3	67.5	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 1600	45.3	67.6	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 1400	45.5	68.0	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 1200	46.3	69.1	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 1000	48.8	73.0	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
≥ 900	49.3	73.9	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 800	51.1	76.9	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 700	52.3	78.8	79.3	79.4	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 600	53.2	80.6	81.1	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 500	54.3	82.5	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 450	55.2	83.6	84.2	84.4	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 400	56.5	86.1	86.8	87.1	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 350	57.1	87.0	87.8	88.0	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 300	58.0	88.4	89.2	89.4	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 250	59.0	90.0	90.9	91.2	91.5	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 200	59.8	91.4	92.3	92.6	92.9	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 180	59.8	91.8	92.7	93.0	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 150	60.4	92.8	93.8	94.1	94.5	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 120	60.7	93.5	94.5	94.8	95.3	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 100	61.0	94.3	95.4	95.7	96.2	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 90	61.1	94.5	95.7	96.0	96.5	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 80	61.2	94.8	96.0	96.4	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 70	61.2	95.1	96.3	96.7	97.3	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 60	61.3	95.3	96.6	97.0	97.6	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 50	61.3	95.6	96.9	97.4	98.1	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.3
≥ 40	61.3	95.6	97.0	97.5	98.3	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6
≥ 30	61.3	95.7	97.1	97.7	98.5	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 20	61.3	95.8	97.2	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 10	61.3	95.8	97.2	97.7	98.5	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	61.3	95.8	97.2	97.7	98.5	98.8	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-62

FORBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING ≥ 20000	57.3	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18500	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 17000	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 15500	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	58.4	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12500	59.1	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 11000	61.9	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9500	63.1	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	64.4	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	64.7	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	65.8	89.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	66.9	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	67.3	92.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	68.0	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	68.1	93.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	68.3	94.0	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	69.0	95.3	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	69.4	95.7	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	69.4	95.7	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	69.4	95.7	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	69.5	96.1	98.0	98.1	98.1	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	69.6	96.2	98.1	98.3	98.3	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	69.6	96.3	98.2	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 800	69.6	96.3	98.2	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 700	69.6	96.3	98.2	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 600	69.6	96.5	98.3	98.5	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	69.7	96.8	98.6	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	69.7	96.8	98.7	99.1	99.1	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	69.7	96.8	98.7	99.1	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2

FORBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-7000
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 7000	49.7	69.6	70.5	70.8	71.0	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6
≥ 18000	50.2	71.2	72.2	72.4	72.6	72.9	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2
≥ 16000	50.3	71.3	72.3	72.5	72.7	73.0	73.0	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3
≥ 14000	50.3	71.3	72.3	72.5	72.7	73.0	73.0	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3
≥ 12000	51.2	72.6	73.7	73.9	74.1	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7
≥ 10000	53.5	75.8	76.9	77.1	77.3	77.6	77.6	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0
≥ 9000	54.3	77.3	78.4	78.6	78.8	79.1	79.1	79.2	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5
≥ 8000	57.1	81.3	82.4	82.6	82.8	83.1	83.3	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7
≥ 7000	57.3	81.8	83.0	83.2	83.7	84.0	84.2	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5
≥ 6000	58.9	84.2	85.6	85.8	86.2	86.6	86.8	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1
≥ 5000	59.9	87.0	88.4	88.6	89.0	89.4	89.6	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9
≥ 4500	60.4	88.0	89.5	89.7	90.1	90.4	90.6	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0
≥ 4000	61.9	90.6	92.2	92.6	93.0	93.3	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9
≥ 3500	62.4	91.6	93.1	93.5	94.0	94.3	94.5	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8
≥ 3000	62.3	92.4	94.0	94.4	94.8	95.2	95.6	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0
≥ 2500	63.2	92.8	94.5	94.9	95.4	95.7	96.1	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7
≥ 2000	63.5	93.3	95.1	95.5	95.9	96.2	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1800	63.5	93.3	95.1	95.5	95.9	96.2	96.7	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1500	63.5	93.4	95.2	95.6	96.0	96.3	96.8	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3
≥ 1200	63.9	93.8	95.5	95.9	96.3	96.7	97.1	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7
≥ 1000	63.9	94.0	95.7	96.1	96.6	96.9	97.3	97.5	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0
≥ 900	63.9	94.0	95.7	96.1	96.6	96.9	97.4	97.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 800	63.9	94.0	95.7	96.1	96.6	96.9	97.4	97.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 700	63.9	94.1	95.9	96.3	96.8	97.1	97.6	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3
≥ 600	64.0	94.2	96.0	96.5	97.0	97.3	98.0	98.2	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7
≥ 500	64.0	94.4	96.5	96.9	97.5	97.8	98.6	98.8	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400	64.1	94.5	96.6	97.0	97.7	98.1	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.9
≥ 0	64.1	94.5	96.6	97.0	97.7	98.2	98.9	99.1	99.2	99.5	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2

FOPBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
≥ 8000	39.4	64.9	66.7	66.6	67.4	67.7	67.8	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.4	68.7
≥ 7000	41.4	67.1	68.2	68.7	69.7	70.0	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	71.0
≥ 6000	41.4	67.1	68.2	68.7	69.7	70.0	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	71.0
≥ 5000	41.4	67.1	68.2	68.7	69.7	70.0	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	71.0
≥ 4500	41.5	67.6	68.7	69.2	70.2	70.5	70.6	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.2	71.5
≥ 4000	42.2	68.7	69.8	70.3	71.3	71.6	71.7	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.3	72.6
≥ 3500	44.3	72.8	73.9	74.5	75.6	75.9	76.0	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.6	76.9
≥ 3000	45.1	74.4	75.5	76.1	77.2	77.5	77.6	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.5
≥ 2500	47.1	79.6	80.6	81.3	82.4	82.7	82.8	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.7
≥ 2000	48.1	82.0	83.1	83.8	84.9	85.3	85.4	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.9	86.2
≥ 1800	48.7	84.7	85.8	86.6	88.0	88.4	88.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.4
≥ 1600	49.5	86.5	87.6	88.4	89.8	90.3	90.4	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.4
≥ 1400	49.9	87.4	88.8	89.7	91.1	91.7	91.8	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.5	92.8
≥ 1200	50.5	88.4	89.8	90.6	92.0	92.7	92.8	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.9
≥ 1000	50.6	88.6	90.0	90.9	92.3	92.9	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.8	94.1
≥ 900	51.2	89.5	90.9	91.7	93.1	93.8	93.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.9
≥ 800	51.4	89.9	91.5	92.4	93.8	94.4	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.3	95.6
≥ 700	51.6	90.5	92.2	93.0	94.4	95.1	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.9	96.2
≥ 600	51.6	90.6	92.3	93.1	94.5	95.2	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9	96.0	96.3
≥ 500	51.8	91.1	92.7	93.5	94.9	95.6	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.8
≥ 400	51.9	91.4	93.0	93.9	95.3	95.9	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.8	97.1
≥ 300	52.2	91.6	93.3	94.2	95.6	96.2	96.5	96.8	96.8	97.1	97.1	97.1	97.2	97.2	97.3	97.6
≥ 200	52.3	91.7	93.4	94.3	95.8	96.5	96.7	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.5	97.8
≥ 100	52.4	91.8	93.5	94.4	96.0	96.7	96.9	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.7	98.1
≥ 0	52.4	92.2	93.9	94.9	96.7	97.3	97.7	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.6	98.9
≥ 0	52.4	92.2	93.9	94.9	96.7	97.4	97.8	98.2	98.2	98.5	98.5	98.5	98.6	98.7	98.7	99.1
≥ 0	52.5	92.5	94.2	95.3	97.0	97.7	98.3	98.6	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.6
≥ 0	52.5	92.5	94.2	95.3	97.0	97.7	98.3	98.6	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.6
≥ 0	52.5	92.5	94.2	95.3	97.1	97.8	98.4	98.7	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.8
≥ 0	52.5	92.5	94.2	95.3	97.1	97.8	98.4	98.7	98.7	99.1	99.1	99.4	99.5	99.5	99.6	100.0
≥ 0	52.5	92.5	94.2	95.3	97.1	97.8	98.4	98.7	98.7	99.1	99.1	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1722 FORBES FLD KS

YEARS 63-70, 73-74

MONTH JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	45.4	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	47.0	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	47.2	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	47.3	73.0	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	47.7	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	49.6	76.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	52.5	81.0	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	52.7	82.8	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	54.1	85.2	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	55.5	86.9	87.4	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	56.3	89.1	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	57.1	90.1	90.9	91.5	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	57.1	90.4	91.3	91.9	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	57.5	91.3	92.2	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	58.2	92.3	93.1	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	58.6	92.8	93.7	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	59.1	93.5	94.4	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	59.8	94.4	95.3	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	59.8	94.5	95.4	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	60.0	95.3	96.1	96.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	60.2	95.9	96.9	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	60.8	96.5	97.5	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	60.8	96.6	97.6	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	60.8	96.6	97.6	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	60.8	96.9	98.0	98.7	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	60.8	97.0	98.1	98.8	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	60.9	97.1	98.2	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.9	97.1	98.2	99.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	40.7	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2000	52.5	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	52.7	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1600	52.8	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1400	53.3	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	54.1	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1000	56.3	82.9	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 900	57.0	84.5	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	58.5	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 700	59.1	87.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	59.6	88.8	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	60.5	90.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	61.3	91.1	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	62.0	93.2	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	62.2	93.4	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	63.9	95.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	64.4	96.8	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	65.1	97.4	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	65.3	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	65.3	98.0	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	65.5	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	65.6	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	65.6	98.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-20

FORBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	51.2	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	54.9	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	55.1	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	55.1	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	55.6	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	57.5	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	60.3	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	61.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	62.4	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	62.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	63.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	63.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	63.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	64.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	64.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	65.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	66.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	66.5	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	66.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	66.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	66.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	66.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1942

FORBES FLD MS

63-70,73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	55.6	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	58.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	58.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	58.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 14000	58.3	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	58.9	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	60.8	89.5	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	61.4	90.3	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	62.3	92.3	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	62.5	93.1	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	63.1	94.1	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	64.7	95.2	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	64.2	95.5	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	64.5	96.0	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	64.7	96.2	96.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	65.2	97.0	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	65.7	97.5	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	65.9	97.7	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	65.9	98.0	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	65.9	98.1	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	65.9	98.1	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	65.9	98.2	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	65.9	98.2	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	65.9	98.3	98.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	65.9	98.4	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	65.9	98.4	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ U	65.9	98.4	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-21

FORBES FLD MS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	61.4	83.4	83.8	82.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	61.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	61.7	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1600	61.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1400	62.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	63.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	64.6	87.5	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	66.0	88.9	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	67.7	91.3	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	63.4	92.4	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	68.9	92.9	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	69.7	94.0	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 450	69.7	94.0	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	70.3	94.6	95.4	95.5	95.7	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 350	70.5	95.1	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	71.2	95.9	96.8	96.9	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 250	71.6	96.3	97.2	97.3	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	71.9	97.0	98.0	98.1	98.5	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	71.9	97.0	98.0	98.1	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	72.0	97.2	98.2	98.3	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	72.3	97.4	98.4	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	72.6	97.7	98.7	98.8	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	72.6	97.7	98.7	98.8	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	72.6	97.8	98.8	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	72.6	97.8	98.8	98.9	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.6	97.8	98.8	98.9	99.6	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

OFFICIAL CLIMATOLOGY BRANCH
USAF ETAC
41 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1972

FORBES FLD KS

63-70, 73-74

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	51.1	75.2	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 2000	53.3	77.2	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.4
≥ 1800	53.1	77.3	77.9	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 1600	53.1	77.4	77.9	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 1400	53.4	77.7	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1200	54.5	79.2	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1000	56.9	82.6	83.3	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 900	57.6	84.1	84.8	85.0	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 800	59.2	86.8	87.5	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 700	59.8	88.0	88.7	88.9	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	60.6	89.5	90.2	90.4	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	61.4	91.1	91.9	92.2	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 450	61.7	91.6	92.5	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 400	62.4	92.9	93.9	94.2	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 350	62.7	93.3	94.3	94.6	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 300	63.3	94.2	95.2	95.5	95.9	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 250	63.9	95.0	96.0	96.4	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 200	64.2	95.5	96.6	97.0	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 180	64.2	95.6	96.7	97.1	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 150	64.3	95.9	97.0	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 120	64.5	96.2	97.4	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 100	64.6	96.4	97.6	97.9	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 90	64.6	96.5	97.6	98.0	98.4	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 80	64.6	96.5	97.6	98.0	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 70	64.7	96.6	97.8	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 60	64.7	96.7	97.8	98.2	98.8	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 50	64.7	96.8	98.0	98.4	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 40	64.7	96.8	98.0	98.5	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 30	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 20	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 10	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	64.7	96.8	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

7440

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1920

FORBES FLD KS

63-70,73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO. OF OBS.	55.3	75.1	76.0	76.2	75.5	76.5	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2000	56.3	76.7	77.6	77.8	78.1	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	56.3	76.7	77.6	77.8	78.1	78.1	79.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1600	56.3	76.7	77.6	77.8	78.1	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1400	56.4	76.9	77.7	77.9	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1200	57.4	77.9	78.8	79.0	79.3	79.3	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	59.4	81.4	82.3	82.6	82.9	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900	59.4	81.8	82.9	83.1	83.4	83.4	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 800	61.1	84.1	85.3	85.5	85.9	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 700	62.2	86.3	87.5	87.7	88.3	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	62.3	87.2	88.4	88.6	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 500	63.3	89.1	90.4	90.7	91.3	91.3	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 450	63.8	90.2	91.7	92.1	93.0	93.0	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	64.5	91.9	92.4	92.8	93.8	93.8	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 350	64.9	91.6	93.1	93.6	94.6	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	65.0	91.7	93.2	93.8	94.8	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 250	65.3	92.0	93.5	94.1	95.2	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 200	65.3	92.1	93.8	94.3	95.4	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 180	65.6	92.4	94.0	94.5	95.6	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 150	65.7	92.6	94.5	95.0	96.1	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 120	65.7	92.9	94.7	95.4	96.4	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 100	65.7	93.1	95.0	95.7	96.8	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 90	65.9	93.4	95.5	96.1	97.2	97.2	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 80	65.7	93.9	95.9	96.6	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 70	65.9	94.2	96.2	97.2	98.3	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 60	65.9	94.3	96.3	97.3	98.5	98.5	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 50	65.9	94.3	96.3	97.5	98.7	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 40	65.9	94.3	96.3	97.5	98.7	98.7	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 30	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	65.9	94.3	96.3	97.5	98.8	98.8	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17723

FORBES FLD KS

63-70, 73-74

ALC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	47.4	66.6	69.3	68.9	69.6	69.6	70.5	70.5	70.6	70.7	70.9	70.9	70.9	70.9	70.9	71.0
≥ 2000	45.8	68.2	69.6	70.5	71.3	71.3	72.1	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.7
≥ 1800	48.8	68.2	69.6	70.5	71.3	71.3	72.1	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.7
≥ 1600	48.9	68.2	69.6	70.5	71.3	71.3	72.1	72.1	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.7
≥ 1400	48.9	68.4	69.8	70.6	71.4	71.4	72.2	72.2	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.8
≥ 1200	50.1	69.5	70.9	71.8	72.6	72.6	73.4	73.4	73.5	73.6	73.8	73.8	73.8	73.8	73.8	74.0
≥ 1000	52.3	73.5	74.9	75.9	76.6	76.6	77.5	77.5	77.6	77.7	77.9	77.9	77.9	77.9	77.9	78.0
≥ 900	52.7	74.2	75.6	76.5	77.3	77.3	78.1	78.1	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.7
≥ 800	55.2	77.1	78.5	79.4	80.3	80.5	81.4	81.4	81.5	81.6	81.8	81.8	81.8	81.8	81.9	82.0
≥ 700	56.9	79.7	81.1	82.1	83.0	83.2	84.1	84.1	84.2	84.3	84.5	84.5	84.5	84.5	84.6	84.7
≥ 600	57.4	81.7	83.2	84.3	85.1	85.4	86.2	86.2	86.3	86.4	86.7	86.7	86.7	86.7	86.8	86.9
≥ 500	58.6	83.7	85.3	86.4	87.3	87.5	88.5	88.5	88.6	88.7	88.9	88.9	88.9	88.9	89.0	89.1
≥ 450	59.2	85.0	86.7	87.8	88.7	88.9	90.1	90.2	90.3	90.4	90.6	90.6	90.6	90.6	90.7	90.9
≥ 400	60.3	86.4	88.1	89.2	90.1	90.3	91.5	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.1	92.2
≥ 350	60.8	87.2	88.8	90.0	90.9	91.1	92.2	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.9	93.0
≥ 300	60.8	87.6	89.2	90.4	91.3	91.5	92.7	92.8	92.9	93.0	93.2	93.2	93.2	93.2	93.3	93.4
≥ 250	61.0	87.8	89.5	90.6	91.5	91.8	93.0	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.6	93.8
≥ 200	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.2	94.3	94.4	94.5
≥ 1800	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1500	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1200	61.1	88.2	90.1	91.3	92.1	92.5	93.6	93.8	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1000	61.2	88.5	90.4	91.6	92.5	92.8	94.1	94.2	94.3	94.4	94.6	94.6	94.7	94.7	94.8	94.9
≥ 900	61.4	88.7	90.6	91.8	92.7	93.0	94.3	94.4	94.5	94.6	94.8	94.8	94.9	94.9	95.0	95.2
≥ 800	61.5	88.9	91.1	92.2	93.1	93.4	94.7	94.8	94.9	95.0	95.3	95.3	95.4	95.4	95.5	95.6
≥ 700	61.5	89.5	91.7	93.0	93.9	94.2	95.6	95.7	95.8	95.9	96.1	96.1	96.2	96.2	96.3	96.4
≥ 600	61.5	89.8	92.1	93.5	94.7	95.0	96.4	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.4
≥ 500	61.5	90.1	92.5	93.9	95.2	95.5	96.9	97.1	97.2	97.3	97.5	97.5	97.6	97.6	97.7	97.8
≥ 400	61.5	90.1	92.5	94.0	95.4	95.7	97.2	97.4	97.5	97.7	98.0	98.0	98.1	98.1	98.2	98.3
≥ 300	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.0	98.1	98.6	98.8	98.8	98.9	98.9	99.0	99.1
≥ 200	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.1	98.2	98.8	99.0	99.0	99.2	99.2	99.5	99.6
≥ 100	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.1	98.2	98.8	99.0	99.0	99.4	99.4	99.6	99.9
≥ 0	61.5	90.2	92.6	94.1	95.6	95.9	97.6	98.1	98.2	98.8	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 20
STATION

FOPRES FLD KS
STATION NAME

63-70,73-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	32.5	55.1	67.9	67.2	63.4	63.6	64.3	64.8	65.1	65.2	65.4	65.4	65.4	65.6	65.9	66.0
≥ 10000	33.2	55.8	61.6	62.9	64.0	64.3	64.9	65.4	65.8	65.9	66.1	66.1	66.1	66.2	66.4	66.6
≥ 18000	33.2	58.8	61.6	62.9	64.0	64.3	64.9	65.4	65.8	65.9	66.1	66.1	66.1	66.2	66.4	66.6
≥ 15000	33.2	59.1	61.9	63.2	64.4	64.6	65.2	65.8	66.0	66.2	66.4	66.4	66.4	66.5	66.7	67.0
≥ 14000	33.5	59.5	62.3	63.6	64.8	65.0	65.7	66.2	66.5	66.6	66.8	66.8	66.8	67.0	67.2	67.4
≥ 12000	34.0	60.2	63.2	64.6	65.8	66.0	66.7	67.3	67.6	67.7	67.9	67.9	67.9	68.0	68.2	68.5
≥ 10000	36.3	64.5	67.8	69.4	70.8	71.0	71.9	72.4	72.8	72.9	73.1	73.1	73.1	73.2	73.4	73.6
≥ 9000	36.7	65.2	68.6	70.4	71.8	72.0	73.0	73.5	73.8	74.0	74.2	74.2	74.2	74.3	74.5	74.7
≥ 8000	38.0	68.2	71.6	73.5	74.9	75.1	76.1	76.7	77.1	77.2	77.4	77.4	77.4	77.5	77.7	77.9
≥ 7000	39.3	69.8	73.4	75.3	77.0	77.2	78.1	78.9	79.2	79.4	79.7	79.7	79.7	79.8	80.0	80.2
≥ 6000	39.3	72.7	76.3	78.3	80.0	80.2	81.6	82.6	82.9	83.2	83.4	83.4	83.4	83.5	83.7	84.0
≥ 5000	39.8	74.3	77.9	79.9	81.6	81.8	83.2	84.3	84.6	84.9	85.1	85.1	85.1	85.3	85.5	85.7
≥ 4500	40.4	75.5	79.1	81.1	83.0	83.2	84.6	85.7	86.0	86.3	86.5	86.5	86.5	86.7	86.9	87.1
≥ 4000	41.1	77.0	80.8	82.8	84.8	85.0	86.4	87.5	87.8	88.2	88.4	88.4	88.4	88.5	88.7	88.9
≥ 3500	41.3	77.5	81.6	83.5	85.6	85.8	87.2	88.4	88.7	89.1	89.3	89.3	89.3	89.5	89.7	89.9
≥ 3000	41.7	78.1	82.3	84.3	86.4	86.7	88.1	89.2	89.6	90.0	90.2	90.2	90.2	90.3	90.5	90.7
≥ 2500	41.9	78.6	82.8	84.9	87.1	87.3	88.7	89.9	90.2	90.6	90.9	90.9	90.9	91.0	91.2	91.4
≥ 2000	42.0	78.9	83.1	85.4	87.5	87.7	89.5	90.6	91.0	91.4	91.6	91.6	91.6	91.7	91.9	92.1
≥ 1800	42.0	79.9	83.1	85.4	87.5	87.7	89.5	90.6	91.0	91.4	91.6	91.6	91.6	91.7	91.9	92.1
≥ 1500	42.1	79.1	83.3	85.6	87.7	88.1	89.8	91.0	91.3	91.7	91.9	91.9	91.9	92.0	92.2	92.5
≥ 1200	42.2	79.5	83.7	86.0	88.4	88.8	90.5	91.7	92.0	92.5	92.7	92.7	92.7	92.8	93.0	93.2
≥ 1000	42.2	79.5	83.7	86.0	88.4	88.8	90.5	91.7	92.0	92.5	92.7	92.7	92.7	92.8	93.0	93.2
≥ 900	42.2	79.7	83.9	86.1	88.6	89.0	90.7	91.9	92.2	92.7	92.9	92.9	92.9	93.0	93.2	93.4
≥ 800	42.2	79.8	84.1	86.7	89.2	89.7	91.5	92.7	93.0	93.4	93.8	93.8	93.8	93.9	94.1	94.3
≥ 700	42.2	80.3	84.6	87.3	90.1	90.5	92.4	93.5	93.9	94.3	94.6	94.6	94.6	94.7	94.9	95.2
≥ 600	42.2	80.3	84.6	87.4	90.3	90.7	92.6	93.8	94.1	94.5	94.8	94.8	94.8	94.9	95.2	95.4
≥ 500	42.2	80.7	85.3	88.1	91.1	91.5	93.3	94.6	94.9	95.4	95.7	95.8	95.8	95.9	96.1	96.3
≥ 400	42.2	80.7	85.3	88.2	91.3	91.8	93.6	95.0	95.4	96.0	96.6	96.7	96.7	96.8	97.0	97.2
≥ 300	42.2	80.8	85.4	88.3	91.6	92.1	94.3	96.0	96.4	97.2	98.4	98.6	98.6	98.7	99.0	99.2
≥ 200	42.2	80.8	85.4	88.3	91.6	92.1	94.5	96.2	96.8	97.5	98.7	98.9	99.0	99.2	99.6	99.8
≥ 100	42.2	80.8	85.4	88.3	91.6	92.1	94.5	96.2	96.8	97.5	98.7	98.9	99.0	99.2	99.6	99.8
≥ 0	42.2	80.8	85.4	88.3	91.6	92.1	94.5	96.2	96.8	97.5	98.7	98.9	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721

FORBES FLD KS

63-70,73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	32.9	66.2	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2000	41.2	67.6	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800	41.2	67.6	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1500	41.2	67.7	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1400	41.4	68.1	68.7	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1200	41.6	68.4	69.0	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1000	45.2	73.1	74.0	74.6	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 900	45.5	74.0	75.1	75.7	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 800	46.8	78.1	79.1	79.8	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 700	47.7	80.5	81.6	82.3	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 600	48.3	82.2	83.4	84.1	84.7	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 500	49.4	83.9	85.2	85.8	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 450	49.8	84.8	86.1	86.8	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 400	49.9	85.3	86.7	87.4	88.2	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 350	50.1	85.8	87.4	88.2	89.0	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 300	50.1	85.8	87.4	88.2	89.2	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 250	50.5	86.6	88.2	88.9	90.0	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 200	50.8	87.0	88.6	89.4	90.4	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 180	50.9	87.1	88.7	89.6	90.6	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 150	51.3	88.3	90.2	91.1	92.2	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 120	51.6	88.8	90.8	91.7	92.8	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 100	51.7	89.0	91.0	92.0	93.1	93.4	94.3	94.3	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5
≥ 90	51.7	89.2	91.4	92.5	93.5	93.9	94.7	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9
≥ 80	51.8	89.7	91.8	92.9	94.1	94.5	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 70	52.3	90.6	93.0	94.3	95.5	95.9	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 60	52.3	90.9	93.2	94.5	95.8	96.3	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 50	52.4	91.3	94.0	95.4	96.7	97.3	98.5	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 40	52.4	91.4	94.2	95.7	97.2	97.8	99.1	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.4	91.4	94.2	95.7	97.3	98.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1122 FORBES FLD KS

63-70,73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.25	≥ 1.5	≥ 1.75	≥ 2	≥ 2.25	≥ 2.5	≥ 2.75	≥ 3	≥ 3.25	≥ 3.5	≥ 3.75
NO CEILING	41.7	66.9	67.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	44.6	73.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	44.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	44.7	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	45.2	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	46.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	49.9	77.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	50.2	77.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	51.8	80.8	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	52.0	82.3	82.5	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	52.4	83.1	83.5	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	53.8	85.2	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	54.0	85.8	86.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	55.0	87.5	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	55.0	87.8	88.8	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	55.3	89.1	90.1	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	56.1	90.3	91.3	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	57.2	91.9	92.9	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	57.5	92.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	58.1	94.1	95.2	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	58.4	94.5	95.6	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	58.5	95.0	96.1	96.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	58.5	95.4	96.4	97.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	58.7	95.7	96.8	97.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	58.8	95.9	97.0	97.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	59.1	96.1	97.2	97.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	59.1	96.1	97.2	97.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15420
STATION

FORRES FLD KS
STATION NAME

63-70,73-74
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	44.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	49.1	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	49.4	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	49.5	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	50.3	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	51.1	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	53.7	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	54.4	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	55.6	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	56.1	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	56.6	87.5	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	57.7	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	57.7	89.5	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	59.1	91.8	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	59.3	92.1	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	59.4	92.6	93.2	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	59.9	93.9	94.5	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	60.3	94.6	95.3	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	60.8	95.2	95.8	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	61.3	95.5	96.1	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	61.1	96.3	97.1	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	61.4	97.0	97.7	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	61.4	97.0	97.7	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	61.5	97.1	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	61.5	97.1	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	61.5	97.1	97.8	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	61.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	61.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	61.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.5	97.1	97.8	98.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17921

FORBES FLD KS

63-70,73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	46.6	73.4	73.5	73.6	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	48.8	75.9	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	48.8	75.9	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1600	48.8	75.9	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1400	49.2	76.4	76.5	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1200	49.6	77.0	77.2	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 1000	52.2	82.3	82.8	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900	52.5	83.3	83.7	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 800	54.5	86.0	86.4	86.5	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	55.1	87.3	87.7	87.8	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	55.4	89.1	89.6	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 500	55.3	90.3	90.7	90.9	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 450	55.9	91.5	91.5	91.7	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	57.9	93.1	94.1	94.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 350	58.3	93.4	94.4	94.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 300	58.3	94.0	94.9	95.2	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 250	58.9	94.5	95.5	95.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	59.3	95.2	96.2	96.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 180	59.3	95.4	96.4	96.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 150	59.4	95.5	96.6	96.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 120	59.4	95.7	96.9	97.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	59.4	96.0	97.3	97.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 90	59.4	96.2	97.5	97.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 80	59.4	96.3	97.6	97.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 70	59.4	96.3	97.6	97.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 60	59.4	96.3	97.6	98.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 50	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	59.4	96.3	97.6	98.0	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1952.

FORBES FLD KS

63-70, 73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO. RECORDS	14.1	76.6	77.0	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	55.7	78.2	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	55.3	78.3	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1600	55.3	78.3	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1400	55.9	78.4	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1200	56.6	79.3	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1000	60.2	84.4	84.8	84.8	85.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	60.5	84.9	85.3	85.3	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 800	62.1	86.9	87.4	87.4	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	63.3	88.6	89.1	89.1	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 600	63.3	88.9	89.5	89.5	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 500	64.1	90.7	91.4	91.4	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 450	64.3	91.6	92.5	92.5	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	65.5	93.1	94.7	94.0	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 350	65.9	94.1	94.9	94.9	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	66.4	94.7	95.6	95.6	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 250	66.6	95.2	96.0	96.0	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	66.9	95.9	96.8	96.8	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 180	66.9	96.0	96.9	96.9	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 150	66.9	96.4	97.3	97.3	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 120	66.9	96.6	97.4	97.4	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	67.1	97.0	97.8	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 90	67.1	97.0	97.8	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 80	67.1	97.4	98.3	98.3	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 70	67.1	97.4	98.3	98.3	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 60	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.1	97.8	98.7	98.8	99.2	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 92

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-21

FORBES FLD KS

63-70, 73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING	45.5	69.2	70.0	70.4	70.8	70.8	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 2000	47.2	71.1	71.9	72.3	72.7	72.7	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 1800	47.2	71.2	72.0	72.3	72.8	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 1600	47.3	71.3	72.0	72.4	72.8	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4
≥ 1400	47.6	71.6	72.4	72.8	73.2	73.2	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8
≥ 1200	48.4	72.6	73.5	73.8	74.3	74.3	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9
≥ 1000	51.1	77.0	78.0	78.5	79.0	79.1	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 900	51.5	77.8	78.8	79.3	79.8	79.9	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 800	53.1	80.6	81.7	82.2	82.8	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 700	54.0	82.5	83.6	84.2	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 600	54.4	84.0	85.2	85.8	86.4	86.5	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 500	55.3	85.8	87.0	87.6	88.3	88.4	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 450	55.6	86.6	88.0	88.6	89.4	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 400	56.6	88.1	89.6	90.2	91.0	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 350	56.9	88.7	90.2	90.9	91.7	91.9	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 300	57.2	89.2	90.8	91.4	92.3	92.4	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4
≥ 250	57.5	89.9	91.4	92.1	93.0	93.1	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 200	57.9	90.5	92.1	92.9	93.8	93.9	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
≥ 180	58.0	90.7	92.3	93.1	94.1	94.2	94.8	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 150	58.2	91.2	92.9	93.7	94.7	94.9	95.5	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 120	58.3	91.5	93.3	94.1	95.2	95.4	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 100	58.4	91.9	93.6	94.5	95.6	95.8	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 90	58.5	92.1	93.9	94.7	95.8	96.0	96.7	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2
≥ 80	58.5	92.3	94.2	95.1	96.2	96.4	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 70	58.6	92.7	94.5	95.5	96.7	96.9	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 60	58.6	92.8	94.7	95.8	97.0	97.3	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 50	58.6	93.0	94.9	96.0	97.3	97.6	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 40	58.6	93.0	95.0	96.1	97.5	97.7	98.5	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 30	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8
≥ 20	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 10	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	58.6	93.0	95.0	96.1	97.6	97.8	98.7	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-2

FORBES FLD KS

63-70,73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO RECORD	52.6	68.3	69.2	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	70.0
≥ 2000	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 1800	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 1600	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 1400	52.9	68.6	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.5
≥ 1200	53.6	69.3	70.2	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	71.2
≥ 1000	55.0	71.3	72.2	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.3
≥ 900	55.2	71.8	72.7	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.8
≥ 800	57.0	73.8	74.7	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.8
≥ 700	57.6	74.8	75.7	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	77.1
≥ 600	58.5	76.1	76.9	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	78.3
≥ 500	59.7	78.0	79.1	79.5	79.6	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.7
≥ 450	61.1	79.3	80.5	81.0	81.1	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	82.2
≥ 400	61.4	81.2	82.5	83.0	83.2	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	84.3
≥ 350	62.2	82.9	84.2	84.6	84.9	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	86.0
≥ 300	63.5	84.1	85.4	86.0	86.2	86.5	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	87.3
≥ 250	64.5	85.5	86.9	87.4	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.9
≥ 200	64.7	86.9	88.2	88.8	89.1	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	90.2
≥ 180	64.9	87.3	88.6	89.2	89.5	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.6
≥ 150	65.4	88.1	89.4	90.0	90.3	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.4
≥ 120	65.8	88.6	90.0	90.6	91.0	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	92.2
≥ 100	66.7	89.5	90.9	91.5	91.9	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	93.1
≥ 90	66.3	90.1	91.4	92.1	92.4	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.7
≥ 80	66.5	90.6	92.0	92.8	93.1	93.5	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	94.3
≥ 70	66.9	91.2	92.5	93.4	93.8	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	95.0
≥ 60	67.6	92.4	94.1	95.1	95.9	96.4	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.4
≥ 50	67.9	93.1	94.8	96.1	96.9	97.6	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.6
≥ 40	67.9	93.1	94.8	96.1	96.9	97.6	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.8
≥ 30	67.9	93.2	94.9	96.2	97.0	97.7	97.9	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.9
≥ 20	67.9	93.2	94.9	96.2	97.0	97.7	97.9	97.9	98.2	98.4	98.6	98.7	98.7	98.7	98.7	99.2
≥ 10	67.9	93.2	94.9	96.2	97.0	97.7	97.9	97.9	98.2	98.4	98.6	98.7	98.7	98.7	98.7	99.0
≥ 0	67.9	93.2	94.9	96.2	97.0	97.7	97.9	97.9	98.2	98.4	98.6	98.7	98.7	98.7	98.7	99.0

TOTAL NUMBER OF OBSERVATIONS

893

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12521

FORBES FLD KS

63-70, 73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 20000	44.7	61.8	62.7	63.0	63.6	63.7	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.7
≥ 18000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 16000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 14000	47.6	62.7	63.6	63.9	64.6	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 12000	49.3	63.6	64.5	64.8	65.5	65.6	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.9
≥ 10000	50.0	65.7	66.6	66.9	67.6	67.7	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	69.0
≥ 9000	50.2	66.5	67.4	67.7	68.4	68.5	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.8
≥ 8000	52.3	68.9	69.8	70.3	70.9	71.0	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.5
≥ 7000	52.3	70.0	70.9	71.4	72.0	72.2	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.6
≥ 6000	53.7	70.6	71.5	71.9	72.6	72.7	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.3
≥ 5000	53.8	72.9	73.8	74.3	75.4	75.6	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.5
≥ 4500	54.3	73.6	74.5	75.1	76.3	76.5	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.4
≥ 4000	55.7	75.6	76.5	77.3	78.5	78.7	79.4	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.7
≥ 3500	55.7	76.2	77.2	78.0	79.2	79.4	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	81.4
≥ 3000	56.3	76.7	77.8	78.7	80.1	80.3	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	82.3
≥ 2500	57.1	77.8	79.1	80.0	81.3	81.5	82.2	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	83.6
≥ 2000	57.7	78.7	80.1	81.0	82.5	82.7	83.4	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.9
≥ 1800	58.0	79.1	80.4	81.3	82.9	83.1	83.7	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	85.2
≥ 1500	58.7	80.1	81.4	82.3	83.9	84.2	84.9	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	86.3
≥ 1200	59.5	81.1	82.4	83.3	85.0	85.3	86.0	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	87.4
≥ 1000	60.2	82.5	83.9	84.9	86.9	87.2	87.9	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	89.3
≥ 900	60.7	83.5	84.9	85.9	87.9	88.2	88.9	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	90.3
≥ 800	61.2	84.6	86.0	87.0	89.0	89.3	90.1	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.5
≥ 700	61.4	85.0	86.3	87.4	89.4	89.9	90.9	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	92.4
≥ 600	62.0	86.5	87.9	89.0	91.0	91.4	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	94.0
≥ 500	62.6	87.3	88.6	90.0	92.0	93.0	94.2	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.8
≥ 400	62.6	87.3	88.9	90.5	92.5	93.8	95.1	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.9
≥ 300	62.6	87.6	89.2	90.9	93.2	94.4	95.8	96.7	97.0	97.2	97.6	97.6	97.6	97.6	97.6	98.3
≥ 200	62.6	87.6	89.2	90.9	93.3	94.5	96.1	97.2	97.6	97.9	98.3	98.3	98.4	98.4	98.4	99.2
≥ 100	62.6	87.6	89.2	90.9	93.3	94.5	96.1	97.2	97.6	97.9	98.3	98.4	98.9	98.9	98.9	99.7
≥ 0	62.6	87.6	89.2	90.9	93.3	94.5	96.1	97.2	97.6	97.9	98.3	98.4	98.9	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

17523

FORBES FLD KS

63-70, 73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	23.7	50.8	54.2	55.6	56.4	56.6	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.5
≥ 20000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 18000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 16000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 14000	29.8	51.9	55.4	56.7	57.5	57.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.6
≥ 12000	30.6	53.1	56.6	58.3	58.8	59.3	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.9
≥ 10000	32.3	56.8	60.6	62.4	63.3	63.5	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.5
≥ 9000	33.3	57.7	61.5	63.3	64.2	64.4	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	66.4
≥ 8000	36.2	61.0	65.2	67.0	68.0	68.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	70.6
≥ 7000	36.3	62.1	66.3	68.1	69.1	69.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.9
≥ 6000	36.5	63.3	67.5	69.4	70.4	70.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.2
≥ 5000	37.2	65.2	69.6	71.8	72.8	73.2	74.4	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	76.1
≥ 4500	37.3	66.3	71.0	73.1	74.1	74.6	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	77.6
≥ 4000	38.3	67.6	72.4	74.7	75.7	76.1	77.6	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.7	79.7
≥ 3500	39.1	68.5	73.3	75.6	76.6	77.0	78.5	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.6	80.6
≥ 3000	39.3	69.1	73.9	76.1	77.1	77.6	79.0	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.1	81.1
≥ 2500	39.6	69.6	74.6	76.8	77.8	78.2	79.7	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.9	81.8
≥ 2000	40.0	70.3	75.2	77.5	78.5	78.9	80.6	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.8	82.8
≥ 1800	40.1	70.5	75.4	77.7	78.7	79.1	80.8	81.5	81.6	81.7	81.8	81.8	81.8	81.8	82.0	83.0
≥ 1500	40.4	71.8	76.7	79.2	80.2	80.7	82.4	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.6	84.6
≥ 1200	40.5	72.7	77.6	80.1	81.1	81.6	83.3	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.5	85.5
≥ 1000	40.7	73.3	78.7	81.4	82.5	83.0	84.7	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.9	86.9
≥ 900	41.2	73.9	79.2	81.9	83.1	83.7	85.4	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.6	87.6
≥ 800	42.1	75.6	81.0	83.7	84.9	85.5	87.3	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.6	89.6
≥ 700	42.3	76.3	82.0	84.8	86.2	86.8	88.7	89.6	89.7	89.8	90.0	90.0	90.0	90.0	90.2	91.2
≥ 600	42.4	76.9	82.8	85.7	87.4	88.3	90.2	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.6	92.6
≥ 500	43.0	77.9	83.8	86.8	88.8	90.0	92.1	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.5	94.5
≥ 400	43.0	78.1	84.2	87.2	89.4	90.5	93.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.9	96.3
≥ 300	43.0	78.1	84.3	87.3	89.6	91.0	93.6	95.4	95.6	95.9	96.0	96.0	96.1	96.1	96.3	97.9
≥ 200	43.0	78.1	84.3	87.4	89.8	91.2	94.0	95.9	96.3	96.8	96.9	96.9	97.0	97.1	97.3	98.9
≥ 100	43.0	78.1	84.3	87.4	89.8	91.2	94.0	95.9	96.3	96.9	97.3	97.4	97.8	98.0	98.2	100.0
≥ 0	43.0	78.1	84.3	87.4	89.8	91.2	94.0	95.9	96.3	96.9	97.3	97.4	97.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17020

FORBES FLD KS

63-70,73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	35.2	57.5	57.8	58.0	59.1	58.1	59.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 20000	36.2	58.7	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 18000	36.3	58.7	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 16000	36.9	58.7	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 14000	37.1	59.0	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 12000	37.9	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 10000	39.3	63.3	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 9000	39.6	64.2	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 8000	41.4	66.7	67.4	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 7000	41.3	67.9	68.7	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 6000	42.2	68.9	69.7	70.2	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 5000	42.6	70.3	71.2	71.9	72.7	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
≥ 4500	42.3	71.3	72.3	73.0	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 4000	43.7	72.6	73.9	74.5	75.5	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 3500	43.9	73.0	74.2	74.9	75.9	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 3000	44.9	74.1	75.3	76.0	77.1	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 2500	45.2	75.2	76.4	77.1	78.2	78.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 2000	45.3	76.6	77.9	78.5	79.8	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 1800	46.5	77.9	79.1	79.8	81.0	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 1500	47.4	80.2	81.5	82.2	83.4	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 1200	48.1	82.3	83.8	84.4	85.7	85.8	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1000	49.2	84.4	86.1	87.1	88.4	88.7	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 900	49.6	85.3	87.1	88.1	89.4	89.7	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 800	49.6	86.0	88.3	89.4	90.9	91.3	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	49.9	86.9	89.3	90.5	92.1	92.5	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 600	50.1	87.4	90.1	91.4	93.5	94.1	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 500	50.5	88.1	90.9	92.3	94.7	95.2	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 400	50.6	88.8	91.7	93.2	95.8	96.3	97.8	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 300	50.6	88.8	91.7	93.3	96.1	96.8	98.2	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 200	50.6	88.8	91.7	93.3	96.1	96.8	98.2	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	50.6	88.8	91.7	93.3	96.1	96.8	98.2	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	50.6	88.8	91.7	93.3	96.1	96.8	98.2	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 899

CLIMAT. CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1702

FORRES FLD KS

63-70,73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 10-14 00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	39.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2000	41.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 1800	41.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1600	41.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1400	41.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1200	42.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 1000	43.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 900	44.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 800	47.2	71.8	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 700	47.7	73.0	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 600	48.3	74.3	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 500	48.7	75.4	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 450	49.3	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 400	50.6	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 350	50.9	78.9	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 300	52.2	81.1	81.7	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 250	53.0	82.6	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 200	55.2	86.8	87.6	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 180	55.3	87.3	88.1	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 150	56.9	89.8	90.6	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 120	57.2	91.0	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 100	57.7	92.1	93.2	93.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 90	57.8	92.7	93.8	94.1	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 80	58.1	93.2	94.4	94.9	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 70	58.2	93.4	94.9	95.4	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 60	58.3	93.7	95.2	95.8	96.8	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 50	58.6	94.4	96.0	96.7	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 40	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	59.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	59.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.7	94.6	96.2	97.1	98.3	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1712
STATION

FOPRES FLD KS
STATION NAME

63-70,73-74
YEARS

SEP
MONTH
1500-1700
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING ≥ 20000	42.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000 ≥ 17000	44.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000 ≥ 15000	44.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000 ≥ 13000	45.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000 ≥ 11000	45.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000 ≥ 9000	46.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000 ≥ 7000	47.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000 ≥ 5000	50.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500 ≥ 4000	51.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500 ≥ 3000	52.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500 ≥ 2000	53.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800 ≥ 1500	54.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200 ≥ 1000	55.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900 ≥ 800	55.7	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 700 ≥ 600	57.9	88.0	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 500 ≥ 400	59.6	90.3	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 300 ≥ 200	61.0	92.1	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 180 ≥ 150	61.3	92.6	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 120 ≥ 100	61.7	94.3	94.6	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 90 ≥ 80	61.7	94.6	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 70 ≥ 60	62.0	95.2	95.9	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 50 ≥ 40	62.2	95.4	96.1	96.2	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 30 ≥ 20	62.3	95.9	96.6	96.9	97.7	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 15 ≥ 10	62.3	95.9	96.6	97.0	98.0	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 8 ≥ 5	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3 ≥ 1	62.3	96.0	96.8	97.1	98.1	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAF, TAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 172 FORBES FLD KS

YEARS 53-70, 73-74

SEP

STATION

STATION NAME

YEARS

NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

ELEVATION (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
NO RECORD ≥ 2000	47.1	67.9	68.4	68.5	69.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 1800 ≥ 1500	48.2	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1400 ≥ 1200	48.6	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1000 ≥ 900	48.9	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 800 ≥ 700	49.1	70.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 600 ≥ 500	51.4	73.8	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 450 ≥ 400	51.7	74.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 350 ≥ 300	53.2	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 250 ≥ 200	54.3	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 150 ≥ 100	55.1	81.8	82.6	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 90 ≥ 80	56.7	84.1	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 70 ≥ 60	57.3	84.9	85.6	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 50 ≥ 40	57.8	85.9	86.6	86.7	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 30 ≥ 20	58.1	86.5	87.3	87.4	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10 ≥ 0	59.5	88.8	89.5	89.6	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000 ≥ 800	61.4	91.4	92.2	92.4	92.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700 ≥ 600	61.7	92.3	93.1	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500 ≥ 400	61.7	92.7	93.4	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300 ≥ 200	62.5	94.3	95.2	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100 ≥ 0	63.4	95.3	96.2	97.0	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 90 ≥ 80	63.5	95.4	96.3	97.1	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 70 ≥ 60	63.5	95.4	96.3	97.1	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 50 ≥ 40	63.5	95.7	96.5	97.3	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 30 ≥ 20	63.5	95.7	96.5	97.6	98.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 10 ≥ 0	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 90 ≥ 80	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 70 ≥ 60	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50 ≥ 40	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30 ≥ 20	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10 ≥ 0	63.5	95.7	96.5	97.7	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 692

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1980

FORRES FLD MS

63-70,73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO. RECD.	52.9	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000	53.5	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1800	53.5	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1600	53.5	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1400	53.7	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1200	54.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1000	57.2	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 800	57.6	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 600	59.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 400	60.0	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 200	61.1	81.2	81.2	81.2	81.3	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.9	81.8	81.8	81.8
≥ 100	61.7	82.4	82.4	82.5	82.6	82.6	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 50	62.4	83.4	83.5	83.6	83.7	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 25	63.8	85.5	85.7	85.9	86.1	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 15	64.1	86.6	86.9	87.0	87.2	87.2	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 10	65.4	88.3	88.5	88.6	88.9	88.9	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5	66.1	89.5	89.8	89.9	90.1	90.1	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2	67.7	91.2	91.4	91.5	91.8	91.8	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1	67.1	91.8	92.1	92.1	92.3	92.3	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 0.5	67.8	93.1	93.4	93.5	93.8	93.8	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 0.25	68.4	94.2	94.5	94.7	94.9	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 0.1	68.5	94.5	95.0	95.1	95.3	95.3	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0.05	68.6	95.1	95.5	95.7	95.9	95.9	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0.025	68.6	95.2	95.7	95.8	96.0	96.0	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 0.01	68.6	95.5	96.0	96.1	96.3	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0.005	68.6	95.9	96.3	96.5	96.8	96.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0.0025	68.6	96.2	96.8	97.1	97.3	97.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0.001	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0.0005	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0.00025	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0.0001	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0.00005	68.6	96.2	96.9	97.2	97.4	97.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-2

FORBES FLD KS

63-70, 73-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 10000	43.2	62.7	63.4	63.7	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 8000	44.3	63.9	64.6	64.9	65.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 6000	44.4	63.9	64.7	64.9	65.2	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7
≥ 4000	44.4	63.9	64.7	65.0	65.2	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
≥ 2000	44.5	64.1	64.9	65.2	65.4	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
≥ 1000	45.2	65.1	65.9	66.2	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0
≥ 800	47.3	68.3	68.9	69.3	69.5	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1
≥ 600	47.5	68.9	69.7	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9
≥ 400	49.6	71.7	72.6	73.0	73.2	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9
≥ 200	50.2	73.0	74.0	74.4	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
≥ 100	51.7	74.5	75.5	75.9	76.2	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 50	51.7	76.2	77.3	77.8	78.2	78.3	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.2
≥ 30	52.3	77.2	78.4	78.9	79.3	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3
≥ 15	53.3	78.9	80.1	80.7	81.1	81.3	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.3
≥ 10	53.3	79.8	81.0	81.5	82.0	82.2	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.2
≥ 5	54.9	81.3	82.6	83.1	83.7	83.8	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.8
≥ 3	55.8	82.7	84.1	84.7	85.2	85.4	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.4
≥ 1	56.6	84.4	85.7	86.4	87.0	87.1	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.2
≥ 0	56.9	84.9	86.3	86.9	87.5	87.6	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.7
≥ 0	57.6	86.5	87.9	88.6	89.1	89.3	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.5
≥ 0	58.1	87.5	89.0	89.7	90.3	90.5	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.7
≥ 0	58.5	88.4	90.0	90.8	91.5	91.7	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.0
≥ 0	58.7	88.9	90.5	91.4	92.1	92.3	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.6
≥ 0	59.0	89.5	91.2	92.1	92.9	93.2	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.5
≥ 0	59.1	89.9	91.7	92.7	93.6	94.0	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.4
≥ 0	59.4	90.5	92.5	93.5	94.6	95.1	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.7
≥ 0	59.6	91.1	93.0	94.2	95.5	96.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.9
≥ 0	59.6	91.2	93.2	94.5	95.9	96.6	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.7
≥ 0	59.6	91.3	93.3	94.6	96.0	96.8	98.0	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.2
≥ 0	59.6	91.3	93.3	94.6	96.1	96.9	98.0	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.6
≥ 0	59.6	91.3	93.3	94.6	96.1	96.9	98.0	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.4	100.0
≥ 0	59.6	91.3	93.3	94.6	96.1	96.9	98.0	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742L FORBES FLD KS

63-70, 73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO RECORD	63.1	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	73.2
≥ 2000	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	74.3
≥ 1800	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	74.3
≥ 1600	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	74.3
≥ 1400	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	74.3
≥ 1200	64.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8	74.3
≥ 1000	67.2	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.7
≥ 900	67.2	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.7
≥ 800	69.6	79.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.7
≥ 700	71.4	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.2	82.2	82.7
≥ 600	72.8	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.0	84.0	84.4
≥ 500	73.1	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.6
≥ 450	73.7	85.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.7
≥ 400	74.6	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	88.3
≥ 350	75.5	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.0	89.0	89.5
≥ 300	76.4	89.6	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.7	90.7	91.2
≥ 250	77.1	90.5	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7	92.1
≥ 200	78.5	92.1	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.4	93.4	93.9
≥ 180	78.8	92.5	93.1	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.9	93.9	94.3
≥ 150	79.7	93.4	94.1	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.8	95.3
≥ 120	80.0	94.1	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.9
≥ 100	80.7	94.8	95.6	95.9	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8	97.2
≥ 90	80.8	95.2	95.9	96.2	96.3	96.4	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.5
≥ 80	80.8	95.2	95.9	96.2	96.3	96.4	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.5
≥ 70	80.9	95.3	96.1	96.4	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.7
≥ 60	80.9	95.3	96.3	96.9	97.1	97.4	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.5
≥ 50	81.1	95.7	96.8	97.3	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.9
≥ 40	81.1	95.8	97.0	97.6	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.4
≥ 30	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0
≥ 20	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0
≥ 10	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0
≥ 0	81.1	96.0	97.2	98.1	98.3	98.7	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1952

FORBES FLD KS

63-70, 73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD ≥ 2000	60.7	70.7	71.0	71.0	71.0	71.0	71.2	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.9
≥ 1800	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 1600	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 1400	60.9	71.0	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2
≥ 1200	62.1	72.3	72.7	72.7	72.7	72.7	72.8	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.6
≥ 1000	63.7	74.4	74.7	74.7	74.7	74.7	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.7
≥ 800	64.2	74.8	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.6	75.7	75.7	75.8	75.8	75.8	76.1
≥ 600	66.5	77.5	77.8	77.8	77.8	77.8	77.9	78.1	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.9
≥ 400	69.3	80.4	80.7	80.7	80.7	80.7	80.8	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.8
≥ 200	71.5	82.6	82.9	82.9	82.9	82.9	83.0	83.2	83.2	83.4	83.5	83.5	83.6	83.6	83.6	84.0
≥ 100	72.1	83.9	84.2	84.2	84.2	84.2	84.3	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	85.3
≥ 50	72.9	84.8	85.1	85.1	85.1	85.1	85.3	85.5	85.5	85.7	85.8	85.8	85.9	85.9	85.9	86.2
≥ 25	73.4	85.9	86.3	86.3	86.3	86.3	86.4	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.4
≥ 12 1/2	74.1	87.0	87.4	87.4	87.4	87.4	87.5	87.7	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.5
≥ 6 1/4	75.2	88.4	88.8	88.8	88.8	88.8	88.9	89.1	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.9
≥ 3 1/4	76.3	90.0	90.5	90.5	90.5	90.5	90.6	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.6
≥ 1 3/4	76.6	90.3	90.9	90.9	90.9	90.9	91.0	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.9
≥ 75	76.9	90.5	91.1	91.1	91.2	91.2	91.3	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.2
≥ 37 1/2	77.7	91.8	92.5	92.5	92.6	92.6	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.6
≥ 18 3/4	78.5	92.8	93.5	93.5	93.6	93.6	93.8	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.7
≥ 9 3/4	78.9	93.4	94.2	94.2	94.3	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.7
≥ 4 3/4	79.4	94.2	94.9	94.9	95.0	95.0	95.5	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.4
≥ 2 1/4	79.5	94.5	95.3	95.3	95.4	95.4	95.8	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.8
≥ 1 1/4	79.9	95.2	96.0	96.0	96.1	96.1	96.6	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.5
≥ 7/8	80.0	95.4	96.2	96.2	96.3	96.3	96.8	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.7
≥ 3/4	80.0	95.5	96.3	96.4	96.6	96.7	97.2	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.2
≥ 3/8	80.1	95.6	96.6	96.8	96.9	97.0	97.5	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.5
≥ 1/8	80.1	95.7	96.7	96.9	97.3	97.6	98.2	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	99.1
≥ 1/16	80.1	95.8	96.8	97.0	97.4	97.7	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.5
≥ 1/32	80.1	95.8	96.8	97.0	97.4	97.7	98.4	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.4	99.9
≥ 1/64	80.1	95.8	96.8	97.0	97.4	97.7	98.4	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1942

FORBES FLD MS

63-70,73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	53.8	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4
≥ 2000	51.5	65.6	66.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1800	51.5	65.6	66.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1600	51.5	65.6	66.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1400	51.5	65.9	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7
≥ 1200	53.0	67.3	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1	68.1	68.1
≥ 1000	54.0	69.0	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0
≥ 900	54.6	70.1	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1
≥ 800	57.0	73.2	74.0	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 700	59.0	75.6	76.3	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0
≥ 600	60.4	77.6	78.4	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0
≥ 500	61.7	79.1	79.9	80.1	80.3	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.9	80.9	80.9
≥ 450	61.0	79.1	80.1	80.3	80.5	80.5	80.5	80.8	80.8	80.8	80.9	80.9	80.9	81.1	81.1	81.1
≥ 400	61.9	80.1	81.1	81.3	81.6	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.5	82.5	82.5
≥ 350	62.4	80.6	81.6	81.9	82.4	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.2	83.2	83.2
≥ 300	63.1	81.5	82.5	82.8	83.2	83.4	83.5	83.8	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1
≥ 250	64.6	83.5	84.5	84.8	85.3	85.5	85.6	85.8	85.8	85.9	85.9	85.9	85.9	86.1	86.1	86.1
≥ 200	65.4	84.8	85.9	86.2	86.8	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.6
≥ 180	65.5	84.9	86.0	86.3	86.9	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.7	87.7	87.7
≥ 150	66.6	86.2	87.6	88.0	88.5	88.7	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.4	89.4	89.4
≥ 120	66.7	87.0	88.4	88.7	89.2	89.5	89.6	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1	90.1
≥ 100	67.6	88.7	90.3	91.1	91.8	92.0	92.4	92.6	92.6	92.7	92.7	92.7	92.7	93.0	93.0	93.0
≥ 90	68.0	89.2	91.1	91.8	92.6	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.8	93.8	93.8
≥ 80	68.2	89.5	91.4	92.3	93.0	93.2	93.5	93.8	93.8	93.9	93.9	93.9	93.9	94.2	94.2	94.2
≥ 70	68.3	89.8	92.0	93.1	93.9	94.1	94.5	94.7	94.7	94.8	94.8	94.8	94.8	95.2	95.2	95.2
≥ 60	68.4	90.2	92.8	94.0	94.7	95.1	95.5	95.7	95.7	95.8	95.8	95.8	95.8	96.1	96.1	96.1
≥ 50	68.5	90.5	93.1	94.4	95.3	95.8	96.3	96.7	96.7	96.8	96.8	96.8	96.8	97.1	97.1	97.1
≥ 40	68.5	90.5	93.1	94.4	95.4	95.9	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.3	97.3	97.3
≥ 30	68.5	90.5	93.2	94.7	95.8	96.3	96.9	97.6	97.6	97.7	97.7	97.7	97.7	98.1	98.1	98.1
≥ 20	68.5	90.5	93.3	94.8	96.0	96.6	97.2	98.0	98.0	98.1	98.2	98.2	98.2	98.5	98.5	98.5
≥ 10	68.5	90.5	93.3	94.8	96.0	96.6	97.2	98.0	98.0	98.1	98.2	98.3	98.3	98.7	98.7	98.7
≥ 0	68.5	90.5	93.3	94.8	96.0	96.6	97.2	98.0	98.0	98.1	98.2	98.3	98.3	98.7	98.7	98.8

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1952

FORBES FLD KS

63-70, 73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	49.4	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	50.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	50.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	51.0	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	51.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	52.4	68.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	54.4	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	55.6	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	57.2	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	58.1	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	59.1	77.4	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	59.8	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	59.9	78.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	60.6	79.5	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	61.2	80.3	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	61.5	81.3	82.3	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	62.3	82.9	83.9	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	64.2	84.9	85.9	86.1	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	64.3	85.2	86.1	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	64.6	86.6	87.6	88.0	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	65.4	88.0	89.1	89.6	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	66.8	90.2	91.5	91.9	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	66.9	90.9	92.5	92.9	93.2	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	66.9	91.1	92.9	93.3	93.8	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	66.9	91.3	93.1	93.7	94.2	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	67.0	91.9	94.0	94.5	95.2	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	67.0	92.4	94.5	95.4	96.0	96.5	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
≥ 400	67.0	92.7	95.4	96.3	97.2	97.6	98.2	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 300	67.0	92.7	95.4	96.5	97.4	97.8	98.5	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 200	67.0	92.7	95.4	96.5	97.4	98.0	98.6	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6
≥ 100	67.0	92.7	95.4	96.5	97.4	98.0	98.6	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7
≥ 0	67.0	92.7	95.4	96.5	97.4	98.0	98.6	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-62-0

FORBES FLD MS

63-70, 73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 2000	54.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 1800	54.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1600	54.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1400	54.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1200	55.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 1000	53.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 900	60.2	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 800	61.4	78.1	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 700	62.2	79.0	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 600	62.9	80.2	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 500	63.4	81.1	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 450	63.8	81.5	81.8	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 400	64.4	82.2	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 350	64.7	83.1	83.5	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 300	66.3	85.2	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 250	67.3	86.5	87.1	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 200	67.9	89.1	89.8	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 180	69.5	89.2	89.9	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 150	70.1	90.3	91.0	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 120	71.3	91.5	92.5	93.2	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 100	71.8	93.2	94.4	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 90	71.8	93.5	94.7	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 80	72.1	94.2	95.5	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 70	72.2	94.6	95.9	97.2	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 60	72.3	94.9	96.2	97.5	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 50	72.3	94.9	96.3	97.6	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 40	72.6	95.5	96.9	98.2	98.6	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 30	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	72.6	95.5	96.9	98.2	98.7	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2 FORBES FLD KS

63-70, 73-74

007

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	55.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	57.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	57.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1600	57.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1400	57.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1200	59.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1000	62.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 900	63.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 800	64.7	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 700	65.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 600	65.9	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 500	66.5	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 450	66.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 400	68.3	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 350	68.9	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 300	69.7	87.5	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 250	70.8	89.6	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200	72.4	92.2	92.5	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	72.6	92.6	92.9	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	72.9	93.1	93.5	93.9	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	73.3	94.0	94.4	94.7	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	73.7	94.6	95.1	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	73.9	95.3	95.7	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	74.0	95.8	96.5	96.9	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	74.3	96.1	96.9	97.4	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	74.5	96.3	97.1	97.6	98.3	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	74.7	96.8	97.6	98.2	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	74.7	96.8	97.6	98.2	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	74.7	96.8	97.6	98.2	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	74.7	96.8	97.6	98.2	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.7	96.8	97.6	98.2	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.7	96.8	97.6	98.2	98.8	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1742

FORBES FLD KS

63-70,73-74

201

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1910-1999

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING ≥ 20000	67.6	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 18000	62.0	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 16000	62.0	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 14000	62.0	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 12000	63.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
≥ 10000	65.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0
≥ 9000	66.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7
≥ 8000	67.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 7000	68.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2
≥ 6000	69.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 5000	70.4	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 4500	70.8	85.3	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 4000	71.8	86.5	86.7	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 3500	72.8	87.4	87.6	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
≥ 3000	73.1	88.8	89.1	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
≥ 2500	73.8	90.4	91.0	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 2000	75.6	92.8	93.3	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 1800	75.9	93.2	93.8	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 1500	76.5	93.9	94.5	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 1200	76.8	94.3	94.9	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1000	77.2	95.1	96.0	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 900	77.5	95.4	96.3	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 800	77.5	95.7	96.7	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 700	77.8	96.5	97.4	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 600	77.8	96.7	97.6	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 500	77.8	96.8	97.7	98.1	98.2	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 400	78.0	97.1	98.2	98.5	98.6	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	78.0	97.1	98.3	98.6	98.7	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	78.0	97.1	98.3	98.6	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	78.0	97.1	98.3	98.6	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	78.0	97.1	98.3	98.6	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

LOCAL CLIMATOLOGY BRANCH
 USAF ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1972

FORBES FLD KS

63-70, 73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO. OF OBS.	66.3	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 2500	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 1800	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 1400	67.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
≥ 1000	67.8	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 800	69.2	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 600	69.6	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 400	71.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 200	73.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 100	73.9	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 50	74.4	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3
≥ 25	75.2	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 12	76.2	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 6	77.0	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1
≥ 3	77.7	90.4	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 1 1/2	78.7	91.7	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 3/4	79.2	92.6	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 1/2	79.6	92.9	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.8
≥ 1/4	80.3	94.0	94.1	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.8	94.8	95.1
≥ 1/8	80.8	94.9	95.1	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.2
≥ 1/16	81.1	95.4	95.9	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.2
≥ 1/32	81.2	95.6	96.1	96.6	96.7	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.4
≥ 1/64	81.4	95.9	96.5	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.7
≥ 1/128	81.4	96.0	96.6	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.8	98.1
≥ 1/256	81.4	96.5	97.0	97.5	97.7	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.7
≥ 1/512	81.4	96.7	97.2	97.7	98.1	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.2
≥ 1/1024	81.6	96.9	97.4	98.0	98.3	98.6	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.4	99.6
≥ 1/2048	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.6	99.8
≥ 1/4096	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.7	99.9
≥ 1/8192	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.7	100.0
≥ 1/16384	81.6	97.0	97.5	98.1	98.4	98.7	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17723

FORBES FLD KS

63-70,73-74

0CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	57.4	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3
≥ 18500	58.6	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 16000	58.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6
≥ 14000	58.6	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.7
≥ 12000	53.8	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9
≥ 10000	59.8	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
≥ 8000	61.9	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.6
≥ 6000	62.6	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.4
≥ 4000	64.5	78.4	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1
≥ 3000	65.8	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.8
≥ 2000	67.0	81.6	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.3
≥ 1500	67.6	82.6	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
≥ 1000	68.0	83.1	83.6	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 800	68.9	84.4	84.9	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5
≥ 600	69.6	85.3	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.6
≥ 400	70.4	86.6	87.1	87.3	87.4	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0
≥ 300	71.4	88.1	88.7	89.0	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6
≥ 200	72.7	89.9	90.5	90.7	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.5
≥ 150	72.9	90.1	90.7	91.0	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.8
≥ 100	73.5	91.2	91.9	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	93.0
≥ 75	74.0	92.1	92.8	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	94.0
≥ 50	74.7	93.2	94.1	94.5	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.6
≥ 25	74.9	93.7	94.7	95.1	95.4	95.5	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 15	75.0	94.0	95.1	95.5	95.9	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7
≥ 10	75.2	94.3	95.5	96.1	96.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.4
≥ 5	75.3	94.6	95.9	96.5	96.9	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9
≥ 2	75.3	94.9	96.2	96.9	97.3	97.6	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.5
≥ 1	75.4	95.1	96.5	97.2	97.7	98.1	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.2
≥ 0	75.4	95.2	96.6	97.4	98.0	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.5
≥ 0	75.4	95.2	96.6	97.4	98.0	98.4	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.6
≥ 0	75.4	95.2	96.6	97.4	98.0	98.4	98.8	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-2-2

FORBES FLD KS

63-70, 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200

HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14
NO CEILING ≥ 2500	54.2	66.1	66.3	66.4	66.7	66.8	66.9	67.2	67.4	67.7	67.7	67.7	67.7	67.8	67.9	67.9
≥ 2000	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.3	69.3
≥ 1800	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.3	69.3
≥ 1600	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.3	69.3
≥ 1400	56.1	67.4	67.8	67.9	68.1	68.2	68.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.3	69.3
≥ 1200	56.7	68.0	68.3	68.4	68.7	68.8	68.9	69.2	69.4	69.7	69.7	69.7	69.7	69.8	69.9	69.9
≥ 1000	58.1	69.4	69.8	69.9	70.1	70.2	70.3	70.7	70.9	71.1	71.1	71.1	71.1	71.2	71.3	71.3
≥ 900	59.3	70.7	71.0	71.1	71.3	71.4	71.6	71.9	72.1	72.3	72.3	72.3	72.3	72.4	72.6	72.6
≥ 800	61.6	73.0	73.3	73.4	73.7	73.8	73.9	74.2	74.4	74.7	74.7	74.7	74.7	74.8	74.9	74.9
≥ 700	62.6	74.2	74.6	74.7	74.9	75.0	75.1	75.4	75.7	75.9	75.9	75.9	75.9	76.0	76.1	76.1
≥ 600	63.6	75.4	75.8	75.9	76.1	76.2	76.3	76.7	76.9	77.1	77.1	77.1	77.1	77.2	77.3	77.3
≥ 500	63.8	75.7	76.1	76.1	76.3	76.4	76.6	76.9	77.1	77.3	77.3	77.3	77.3	77.4	77.6	77.6
≥ 450	64.2	76.3	76.7	76.8	77.0	77.1	77.2	77.6	77.8	78.0	78.0	78.0	78.0	78.1	78.2	78.2
≥ 400	64.7	77.2	77.6	77.7	77.9	78.0	78.1	78.4	78.7	78.9	78.9	78.9	78.9	79.0	79.1	79.1
≥ 350	65.9	78.3	78.7	78.8	79.0	79.1	79.2	79.6	79.8	80.0	80.0	80.0	80.0	80.1	80.2	80.2
≥ 300	67.0	79.6	79.9	80.0	80.2	80.3	80.4	80.8	81.0	81.2	81.2	81.2	81.2	81.3	81.4	81.4
≥ 250	68.3	81.6	81.9	82.0	82.2	82.3	82.4	82.8	83.0	83.2	83.2	83.2	83.2	83.3	83.4	83.4
≥ 200	69.7	83.1	83.4	83.6	83.8	83.9	84.0	84.4	84.7	84.9	84.9	84.9	84.9	85.0	85.1	85.1
≥ 180	71.0	84.6	84.9	85.0	85.2	85.4	85.6	86.0	86.2	86.4	86.4	86.4	86.4	86.6	86.7	86.7
≥ 160	72.2	86.2	86.6	86.7	86.9	87.1	87.2	87.8	88.1	88.3	88.3	88.3	88.3	88.4	88.6	88.6
≥ 140	73.1	87.8	88.1	88.2	88.4	88.8	89.0	89.6	89.9	90.1	90.1	90.1	90.1	90.2	90.3	90.3
≥ 120	74.1	89.0	89.4	89.6	89.9	90.3	90.6	91.1	91.4	91.7	91.7	91.7	91.7	91.8	91.9	91.9
≥ 100	74.1	89.6	90.1	90.2	90.6	91.0	91.2	91.8	92.1	92.3	92.3	92.3	92.3	92.4	92.6	92.6
≥ 80	74.3	90.1	90.7	90.8	91.1	91.6	91.8	92.3	92.7	92.9	92.9	92.9	92.9	93.0	93.1	93.1
≥ 70	74.4	90.4	91.0	91.2	91.7	92.1	92.3	92.9	93.3	93.6	93.6	93.6	93.6	93.7	93.8	93.8
≥ 60	74.4	90.8	91.4	91.7	92.2	92.7	92.9	93.4	93.9	94.1	94.1	94.1	94.1	94.2	94.3	94.3
≥ 50	74.4	91.2	92.2	92.8	93.4	94.1	94.6	95.1	95.6	95.8	95.8	95.8	95.8	95.9	96.0	96.0
≥ 40	74.4	91.3	92.4	93.4	94.3	95.1	95.8	96.4	96.9	97.1	97.1	97.1	97.1	97.2	97.3	97.3
≥ 30	74.4	91.6	92.7	93.7	94.8	95.8	96.4	97.3	97.9	98.1	98.1	98.1	98.1	98.2	98.4	98.4
≥ 20	74.4	91.6	92.7	93.7	94.9	95.9	96.6	97.7	98.6	98.8	98.8	98.8	98.8	98.9	99.1	99.2
≥ 10	74.4	91.6	92.7	93.7	94.9	95.9	96.6	97.9	98.8	99.1	99.2	99.2	99.2	99.3	99.6	99.7
≥ 0	74.4	91.6	92.7	93.7	94.9	95.9	96.6	97.9	98.8	99.1	99.2	99.2	99.2	99.3	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 42 FORBES FLD MS

53-70,73-74

NOV

STATION STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH 1300-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	52.2	53.4	63.9	64.1	64.3	64.3	64.3	64.3	64.4	64.4	64.7	64.7	65.0	65.1	65.2	65.4
≥ 2000	53.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 1800	53.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 1600	53.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 1400	53.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	65.6	65.6	65.8	65.8	66.1	66.2	66.3	66.6
≥ 1200	55.0	66.2	66.7	66.9	67.2	67.2	67.2	67.2	67.3	67.3	67.6	67.6	67.9	68.0	68.1	68.3
≥ 1000	57.1	68.6	69.0	69.2	69.6	69.7	69.7	69.7	69.8	69.8	70.0	70.0	70.3	70.4	70.6	70.9
≥ 900	57.8	69.3	69.8	70.0	70.3	70.4	70.4	70.4	70.6	70.6	70.8	70.8	71.1	71.2	71.3	71.6
≥ 800	59.2	70.8	71.2	71.4	71.8	71.9	71.9	71.9	72.0	72.1	72.3	72.3	72.7	72.8	72.9	73.1
≥ 700	60.3	72.8	73.2	73.4	73.8	73.9	73.9	73.9	74.0	74.1	74.3	74.3	74.7	74.8	74.9	75.1
≥ 600	61.3	73.2	73.7	73.9	74.2	74.3	74.3	74.3	74.4	74.6	74.8	74.8	75.1	75.2	75.3	75.6
≥ 500	61.7	73.6	74.0	74.2	74.6	74.7	74.7	74.7	74.8	74.9	75.1	75.1	75.4	75.6	75.7	75.9
≥ 450	62.1	74.7	75.2	75.4	75.8	75.9	75.9	75.9	76.0	76.1	76.3	76.3	76.7	76.8	76.9	77.1
≥ 400	62.7	75.8	76.3	76.6	76.9	77.0	77.0	77.0	77.1	77.2	77.4	77.4	77.8	77.9	78.0	78.2
≥ 350	63.2	76.3	76.9	77.1	77.4	77.6	77.6	77.6	77.7	77.8	78.1	78.1	78.4	78.6	78.7	78.9
≥ 300	63.8	77.0	77.6	77.8	78.1	78.2	78.2	78.2	78.3	78.4	78.8	78.8	79.1	79.2	79.3	79.6
≥ 250	64.3	78.2	78.8	79.1	79.4	79.6	79.6	79.6	79.7	79.8	80.1	80.1	80.4	80.6	80.7	80.9
≥ 200	66.7	80.4	81.0	81.3	81.7	81.8	81.8	81.8	81.9	82.0	82.3	82.3	82.7	82.8	82.9	83.1
≥ 180	67.7	81.4	82.0	82.3	82.7	82.8	82.8	82.8	82.9	83.0	83.3	83.3	83.7	83.8	83.9	84.1
≥ 150	69.7	83.9	84.4	84.8	85.1	85.2	85.4	85.6	85.7	85.8	86.1	86.1	86.4	86.6	86.7	86.9
≥ 120	71.1	84.9	85.4	85.8	86.1	86.2	86.4	86.6	86.7	86.9	87.2	87.2	87.6	87.7	87.8	88.0
≥ 100	71.2	86.4	87.1	87.6	87.9	88.0	88.2	88.3	88.4	88.7	89.0	89.0	89.3	89.4	89.6	89.8
≥ 90	71.4	86.8	87.4	87.9	88.2	88.3	88.6	88.7	88.8	89.0	89.3	89.3	89.7	89.8	89.9	90.1
≥ 80	71.8	87.6	88.2	88.7	89.0	89.1	89.3	89.4	89.6	89.8	90.1	90.1	90.4	90.6	90.7	90.9
≥ 70	72.2	88.7	89.4	89.9	90.2	90.3	90.6	90.7	90.8	91.0	91.3	91.3	91.8	91.9	92.0	92.2
≥ 60	72.2	89.3	90.2	91.0	91.6	91.7	91.9	92.0	92.1	92.3	92.8	92.8	93.2	93.3	93.4	93.7
≥ 50	72.2	90.3	91.3	92.1	92.9	93.0	93.3	93.4	93.6	93.8	94.2	94.2	94.7	94.8	94.9	95.1
≥ 40	72.2	90.6	91.6	92.4	93.4	93.6	93.9	94.0	94.1	94.3	94.8	94.8	95.2	95.4	95.7	96.1
≥ 30	72.3	90.7	91.8	92.7	93.7	93.8	94.3	94.7	94.8	95.0	95.4	95.4	96.0	96.2	96.4	97.0
≥ 20	72.3	90.7	91.8	92.7	93.8	93.9	94.6	95.0	95.6	95.8	96.3	96.3	97.0	97.3	97.6	98.2
≥ 10	72.3	90.7	91.8	92.7	93.8	93.9	94.6	95.3	95.9	96.3	97.1	97.2	97.9	98.3	98.6	99.8
≥ 0	72.3	90.7	91.8	92.7	93.8	93.9	94.6	95.3	95.9	96.3	97.1	97.2	97.9	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FORBES FLD KS

63-70, 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
NO RECORD	43.3	57.1	57.7	58.4	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.6	60.2
≥ 25000	44.5	58.5	59.2	59.8	60.6	60.7	60.8	60.8	60.8	61.0	61.0	61.1	61.3	61.3	61.3	61.8
≥ 18000	44.5	58.5	59.2	59.8	60.6	60.7	60.8	60.8	60.8	61.0	61.0	61.1	61.3	61.3	61.3	61.8
≥ 15000	44.6	58.6	59.3	60.0	60.7	60.8	61.0	61.0	61.0	61.1	61.1	61.2	61.4	61.4	61.4	62.0
≥ 14000	44.6	58.6	59.3	60.0	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.5	61.5	61.5	62.1
≥ 12000	45.6	59.7	60.4	61.1	61.8	62.0	62.1	62.2	62.2	62.3	62.4	62.5	62.7	62.7	62.7	63.3
≥ 10000	47.5	62.3	63.0	63.6	64.4	64.5	64.6	64.7	64.7	64.8	65.0	65.1	65.3	65.3	65.3	65.9
≥ 9000	48.2	63.1	63.7	64.4	65.2	65.3	65.4	65.5	65.5	65.6	65.7	65.9	66.1	66.1	66.1	66.6
≥ 8000	49.4	64.8	65.5	66.3	67.1	67.2	67.3	67.4	67.4	67.6	67.7	67.9	68.1	68.1	68.1	68.6
≥ 7000	50.1	65.6	66.3	67.1	67.9	68.0	68.1	68.2	68.2	68.4	68.5	68.6	68.9	68.9	68.9	69.4
≥ 6000	51.9	67.1	67.9	68.6	69.4	69.5	69.6	70.0	70.0	70.2	70.3	70.4	70.6	70.6	70.6	71.2
≥ 5000	51.4	67.6	68.4	69.2	70.0	70.1	70.2	70.5	70.5	70.7	70.9	71.0	71.2	71.2	71.2	71.7
≥ 4500	52.6	69.7	71.5	71.3	72.1	72.2	72.3	72.6	72.7	73.0	73.1	73.2	73.4	73.4	73.4	74.0
≥ 4000	53.5	70.9	71.6	72.4	73.2	73.3	73.4	73.7	73.9	74.1	74.2	74.3	74.5	74.5	74.5	75.1
≥ 3500	54.2	71.5	72.3	73.1	73.9	74.0	74.1	74.4	74.5	74.7	75.0	75.1	75.4	75.4	75.4	76.0
≥ 3000	54.6	72.2	73.0	73.7	74.5	74.6	74.7	75.1	75.2	75.4	75.6	75.8	76.1	76.1	76.1	76.6
≥ 2500	55.6	73.5	74.3	75.1	75.9	76.0	76.1	76.4	76.5	76.8	77.0	77.1	77.4	77.4	77.4	78.0
≥ 2000	57.0	75.6	76.4	77.2	78.0	78.1	78.2	78.5	78.6	78.9	79.1	79.2	79.5	79.5	79.5	80.1
≥ 1800	57.4	76.6	77.5	78.3	79.1	79.2	79.3	79.6	79.8	80.0	80.2	80.3	80.6	80.6	80.6	81.2
≥ 1500	59.6	79.3	80.2	81.0	81.8	81.9	82.0	82.3	82.4	82.6	82.9	83.0	83.3	83.3	83.3	83.9
≥ 1200	60.3	80.6	81.5	82.3	83.1	83.2	83.3	83.6	83.8	84.0	84.2	84.3	84.6	84.6	84.6	85.2
≥ 1000	60.9	82.0	83.0	83.8	84.5	84.6	84.8	85.1	85.2	85.4	85.7	85.8	86.1	86.1	86.1	86.7
≥ 900	61.1	82.4	83.5	84.3	85.2	85.3	85.4	85.8	85.9	86.1	86.3	86.4	86.8	86.8	86.8	87.3
≥ 800	61.4	83.6	85.3	86.1	87.1	87.2	87.4	87.8	88.0	88.2	88.4	88.5	88.9	88.9	88.9	89.4
≥ 700	61.9	84.4	86.2	87.1	88.1	88.2	88.4	88.8	89.0	89.2	89.4	89.5	89.9	89.9	89.9	90.4
≥ 600	62.0	85.2	87.1	88.1	89.4	89.5	89.9	90.4	90.7	90.9	91.1	91.2	91.5	91.5	91.5	92.1
≥ 500	62.0	85.8	88.0	89.1	90.9	91.1	91.4	92.0	92.2	92.4	92.7	92.8	93.1	93.1	93.1	93.8
≥ 400	62.1	86.2	88.5	89.8	91.7	91.9	92.5	93.2	93.5	93.8	94.0	94.2	94.5	94.5	94.5	95.3
≥ 300	62.1	86.2	88.7	89.9	91.8	92.1	92.8	94.0	94.3	94.8	95.1	95.3	95.7	95.8	95.8	96.9
≥ 200	62.1	86.2	88.7	89.9	91.8	92.1	93.1	94.9	95.6	96.2	96.7	96.9	97.3	97.6	97.6	98.0
≥ 100	62.1	86.2	88.7	89.9	91.8	92.1	93.1	95.0	95.7	96.3	96.9	97.1	97.6	97.8	97.9	99.7
≥ 0	62.1	86.2	88.7	89.9	91.8	92.1	93.1	95.0	95.7	96.3	96.9	97.1	97.6	97.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2

FORRES FLD KS

63-70,73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1900

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	39.7	54.7	54.9	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.1	56.1
≥ 18000 ≥ 17000	41.9	57.6	57.9	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.1	59.1
≥ 16000 ≥ 15000	42.7	57.7	58.0	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.2
≥ 14000 ≥ 13000	42.7	57.9	58.2	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4
≥ 12000 ≥ 11000	43.0	59.0	59.3	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6
≥ 10000 ≥ 9500	45.0	61.8	62.1	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3
≥ 9000 ≥ 8500	45.4	62.4	62.8	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.0
≥ 8000 ≥ 7500	46.3	64.4	64.8	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	66.0	66.0
≥ 7000 ≥ 6500	47.9	65.9	66.2	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4
≥ 6000 ≥ 5500	48.7	67.8	68.2	69.2	69.3	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.8	69.8
≥ 5000 ≥ 4500	49.1	68.4	68.9	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.4	70.4
≥ 4500 ≥ 4000	47.3	63.9	69.3	70.3	70.4	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.2
≥ 3500 ≥ 3000	50.3	70.4	70.9	71.9	72.0	72.0	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.8	72.8
≥ 2500 ≥ 2000	50.9	70.9	71.3	72.3	72.4	72.4	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.2
≥ 1800 ≥ 1500	51.2	71.4	71.9	72.9	73.0	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.9	73.9
≥ 1200 ≥ 1000	51.8	72.9	73.3	74.3	74.6	74.8	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.7	75.7
≥ 900 ≥ 800	53.2	75.4	76.0	77.0	77.2	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.4
≥ 700 ≥ 600	53.9	76.7	77.2	78.2	78.4	78.7	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.7	79.7
≥ 500 ≥ 400	56.2	80.7	81.6	82.6	82.8	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9	84.0	84.0
≥ 300 ≥ 200	56.7	82.1	83.1	84.1	84.3	84.6	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.6	85.6
≥ 100 ≥ 0	57.3	84.0	85.1	86.1	86.7	87.0	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.2	88.2
≥ 900 ≥ 800	57.3	84.8	85.9	87.0	87.8	88.1	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.4	89.4
≥ 700 ≥ 600	57.4	85.8	87.3	88.6	89.3	89.7	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0
≥ 500 ≥ 400	57.6	86.2	88.1	89.4	90.2	90.6	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.9	91.9
≥ 300 ≥ 200	57.6	86.8	88.9	90.4	91.6	92.0	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.4	93.4
≥ 100 ≥ 0	57.6	87.2	89.6	91.4	93.0	93.7	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.2	95.2
≥ 900 ≥ 800	57.6	87.3	89.7	91.7	93.6	94.7	95.8	96.1	96.4	96.7	96.7	96.7	96.7	96.9	97.0	97.3
≥ 700 ≥ 600	57.6	87.3	89.7	91.8	94.1	95.6	96.9	97.3	98.0	98.2	98.4	98.4	98.4	98.7	98.8	99.2
≥ 500 ≥ 400	57.6	87.4	89.8	91.9	94.2	95.7	97.0	97.6	98.2	98.4	98.7	98.8	98.8	99.1	99.2	99.3
≥ 300 ≥ 200	57.6	87.4	89.8	91.9	94.2	95.7	97.0	97.6	98.2	98.4	98.7	98.8	98.8	99.1	99.2	99.4
≥ 100 ≥ 0	57.6	87.4	89.8	91.9	94.2	95.7	97.0	97.6	98.2	98.4	98.7	98.8	98.8	99.1	99.2	99.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2

FORBES FLD KS

63-70, 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (C.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16
≥ 10000	44.3	58.3	59.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	44.2	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000	48.2	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4000	48.2	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 2000	49.8	62.4	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 1000	52.2	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 800	52.4	66.2	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 600	53.3	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 400	53.9	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 200	54.9	70.0	70.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 100	55.4	71.0	71.1	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 80	55.9	71.7	71.8	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 60	57.1	73.3	73.4	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 40	57.7	74.0	74.1	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20	58.4	75.1	75.2	75.4	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10	60.9	78.2	78.4	78.7	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5	63.6	81.7	81.9	82.1	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3	64.4	83.0	83.2	83.4	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2	66.4	86.6	87.0	87.2	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1	67.2	88.0	88.6	89.0	89.9	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 0.5	67.3	89.7	90.3	90.9	92.0	92.2	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 0.25	67.6	90.6	91.2	91.8	92.9	93.1	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 0.1	67.7	91.4	92.2	92.8	94.2	94.4	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 0.05	67.8	92.3	93.1	93.7	95.3	95.6	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0.025	67.8	92.4	93.2	93.9	95.6	95.9	96.1	96.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0.01	67.8	92.7	93.7	94.3	96.0	96.3	96.6	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0.005	67.8	92.8	93.9	94.7	96.3	96.7	96.9	97.3	97.4	97.6	97.9	97.8	97.9	98.0	98.0	98.1
≥ 0.0025	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.1	98.3	98.6	98.8	98.8	99.0	99.1	99.1	99.2
≥ 0.001	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.3	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.9
≥ 0.0005	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.3	98.6	99.0	99.3	99.3	99.6	99.7	99.7	100.0
≥ 0.00025	67.8	92.8	93.9	94.8	96.4	97.1	97.4	98.3	98.6	99.0	99.3	99.3	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1942 FORBES FLD KS

63-70, 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
≥ 10000	46.7	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	46.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	48.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	48.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 2000	50.7	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1000	54.5	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 800	54.6	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 600	56.0	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 400	56.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 200	57.7	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 100	57.5	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 80	53.4	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 60	59.5	76.6	77.1	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 40	61.1	78.4	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20	62.3	80.1	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10	63.4	82.0	82.4	82.4	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5	65.2	85.3	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2	65.7	86.1	86.5	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1	66.7	88.2	89.1	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 0.5	67.7	89.4	90.8	91.1	91.5	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 0.2	67.7	90.3	91.9	92.4	92.9	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 0.1	67.7	90.7	92.4	93.0	93.7	93.8	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 0.05	67.7	91.0	92.9	93.5	94.4	94.5	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 0.02	67.0	91.7	93.9	94.8	95.9	96.0	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 0.01	67.0	91.8	94.0	95.0	96.3	96.6	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0.005	67.0	92.0	94.3	95.3	96.8	97.0	97.4	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0.002	67.0	92.0	94.3	95.4	97.0	97.3	98.0	98.9	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4
≥ 0.001	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0.0005	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0.0002	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0.0001	67.0	92.0	94.3	95.4	97.1	97.6	98.3	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1752

FORBES FLD KS

63-70,73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	53.9	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 2000	54.9	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1800	54.9	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1600	54.9	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1400	55.1	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1200	55.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1000	59.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 900	59.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 800	61.2	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 700	61.9	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 600	62.3	75.3	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 500	63.3	75.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 450	63.3	76.3	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 400	64.4	77.9	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 350	66.1	80.1	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 300	67.3	81.3	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 250	69.1	83.2	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 200	70.6	85.3	85.7	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	70.9	85.8	86.1	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	72.0	87.8	88.1	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	72.7	89.0	89.4	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	73.4	90.9	91.3	91.7	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	73.9	91.6	92.2	92.7	93.0	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	74.3	92.2	93.3	93.9	94.3	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	74.1	92.8	93.9	94.4	94.9	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	74.2	93.1	94.3	94.9	95.3	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	74.3	93.2	94.7	95.6	96.3	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	74.3	93.2	94.8	96.1	97.2	97.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	74.3	93.2	94.8	96.2	97.4	97.8	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	74.3	93.3	95.0	96.4	97.7	98.0	98.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	74.3	93.3	95.0	96.4	97.7	98.0	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	74.3	93.3	95.0	96.4	97.7	98.0	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-27
STATION

FORBES FLD KS

STATION NAME

63-70, 73-74

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-23.0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	56.4	68.2	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000 ≥ 5000	57.1	68.9	69.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000 ≥ 2000	57.2	69.0	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000 ≥ 900	57.6	69.4	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000 ≥ 700	60.2	72.4	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000 ≥ 500	61.0	73.2	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500 ≥ 400	61.8	74.0	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500 ≥ 300	62.6	74.8	75.2	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500 ≥ 200	63.3	75.6	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800 ≥ 150	64.2	76.4	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200 ≥ 100	64.9	77.2	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 900 ≥ 800	66.7	78.6	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 700 ≥ 600	67.0	79.7	80.2	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 500 ≥ 400	68.0	80.8	81.3	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 300 ≥ 200	69.6	82.7	83.3	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 100 ≥ 0	70.8	84.1	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 100 ≥ 0	71.8	85.4	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 100 ≥ 0	73.0	87.1	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 100 ≥ 0	74.4	89.0	89.8	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 100 ≥ 0	75.7	90.8	91.6	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 100 ≥ 0	75.8	91.4	92.4	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 100 ≥ 0	76.4	93.2	94.3	94.6	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 100 ≥ 0	76.6	93.4	94.6	94.9	95.0	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 100 ≥ 0	76.6	93.7	94.9	95.2	95.3	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100 ≥ 0	76.6	94.1	95.7	96.0	96.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 100 ≥ 0	76.6	94.4	96.2	96.9	97.4	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100 ≥ 0	76.6	94.6	96.6	97.3	98.1	98.2	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	76.6	94.7	96.7	97.4	98.4	98.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	76.6	94.7	96.7	97.4	98.4	98.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	76.6	94.7	96.7	97.4	98.4	98.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1972 FORBES FLD KS

63-70, 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO. OF ≥ 2000	49.2	61.8	62.1	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.0
≥ 1800	50.5	63.3	63.6	63.9	64.1	64.1	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
≥ 1600	50.6	63.4	63.7	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
≥ 1400	50.6	63.5	63.8	64.1	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.7	64.7	64.8
≥ 1200	51.8	64.7	65.1	65.3	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.8	65.9	65.9	65.9	66.0
≥ 1000	54.3	67.8	68.1	68.3	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.9	69.0	69.0	69.1
≥ 900	54.8	68.4	68.7	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.6	69.6	69.7
≥ 800	56.2	70.1	70.4	70.7	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.4
≥ 700	57.0	71.1	71.4	71.7	71.9	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.5
≥ 600	57.9	72.2	72.5	72.8	73.1	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.7
≥ 500	58.3	72.8	73.2	73.5	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.3	74.3	74.4
≥ 450	58.8	73.7	74.1	74.4	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.4
≥ 400	59.9	75.1	75.5	75.8	76.1	76.2	76.2	76.4	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.8
≥ 350	60.7	76.2	76.6	76.9	77.2	77.2	77.3	77.4	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.9
≥ 300	61.6	77.2	77.6	77.9	78.2	78.3	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.9	78.9	79.0
≥ 250	62.9	79.0	79.5	79.8	80.2	80.2	80.3	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.9	80.9
≥ 200	64.6	81.4	81.9	82.2	82.6	82.6	82.7	82.9	83.0	83.0	83.1	83.1	83.2	83.3	83.3	83.4
≥ 180	65.4	82.5	83.0	83.3	83.7	83.7	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.4	84.4	84.5
≥ 150	67.0	85.0	85.6	86.0	86.3	86.4	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.3
≥ 120	67.7	86.4	87.1	87.5	87.9	88.1	88.2	88.5	88.5	88.6	88.7	88.7	88.8	88.9	88.9	89.0
≥ 100	68.4	87.9	88.7	89.2	89.7	89.9	90.1	90.4	90.5	90.5	90.6	90.6	90.7	90.8	90.8	90.9
≥ 90	68.5	88.5	89.4	89.9	90.5	90.7	90.9	91.2	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.7
≥ 80	68.9	89.4	90.5	91.1	91.8	92.0	92.2	92.5	92.6	92.7	92.8	92.8	92.9	93.0	93.0	93.1
≥ 70	68.9	90.0	91.3	91.9	92.7	92.9	93.1	93.5	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.1
≥ 60	69.0	90.4	91.8	92.5	93.4	93.7	94.0	94.4	94.5	94.6	94.7	94.7	94.8	94.9	94.9	95.0
≥ 50	69.0	90.8	92.4	93.3	94.5	94.8	95.2	95.6	95.7	95.9	96.0	96.0	96.2	96.2	96.2	96.3
≥ 40	69.0	91.0	92.7	93.8	95.1	95.5	96.2	96.7	96.8	97.0	97.1	97.2	97.3	97.4	97.4	97.6
≥ 30	69.0	91.0	92.8	94.0	95.4	96.0	96.7	97.4	97.7	97.9	98.1	98.1	98.3	98.4	98.4	98.7
≥ 20	69.0	91.1	92.8	94.0	95.5	96.1	96.9	97.8	98.2	98.5	98.7	98.7	99.0	99.1	99.1	99.5
≥ 10	69.0	91.1	92.8	94.0	95.5	96.1	96.9	97.9	98.3	98.6	98.9	99.0	99.2	99.3	99.4	99.9
≥ 0	69.0	91.1	92.8	94.0	95.5	96.1	96.9	97.9	98.3	98.6	98.9	99.0	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17421 FORBES FLD KS

63-70,73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 8000	48.2	58.1	58.2	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	49.2	59.1	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	49.2	59.1	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 5000	49.2	59.1	59.2	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4000	49.5	59.4	59.5	59.6	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3000	49.7	59.6	59.7	59.8	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 2000	51.9	62.2	62.4	62.5	62.8	62.8	62.8	62.9	63.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1000	52.0	62.5	62.7	62.8	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 800	54.4	65.2	65.4	65.5	65.8	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 700	55.6	66.3	66.6	66.7	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 600	56.9	67.8	68.2	68.3	68.6	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 500	58.1	69.1	69.5	69.6	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 450	59.8	70.4	70.9	71.0	71.3	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 400	59.3	71.0	71.4	71.5	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 350	59.4	71.5	71.9	72.0	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 300	60.2	72.8	73.4	73.5	74.0	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 250	61.5	74.6	75.5	75.6	76.0	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 200	63.3	77.6	78.5	78.6	79.0	79.0	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 180	63.7	78.1	78.9	79.0	79.5	79.5	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 150	64.7	80.0	81.1	81.2	81.6	81.6	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 120	65.3	82.0	83.1	83.2	83.8	83.8	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 100	67.2	84.7	85.9	86.0	86.7	86.7	87.1	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 90	67.5	86.1	87.4	87.5	88.2	88.2	88.6	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 80	68.0	87.0	88.3	88.4	89.4	89.4	89.9	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 70	68.3	87.7	89.2	89.4	90.5	90.5	91.1	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 60	68.4	88.1	89.6	89.7	90.9	91.1	91.7	91.9	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 50	68.5	88.5	90.4	91.0	93.1	93.3	94.0	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 40	68.5	88.7	90.8	91.4	93.5	94.0	94.6	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 30	68.5	88.7	90.9	91.5	93.7	94.1	95.2	96.0	96.3	96.8	96.9	96.9	97.1	97.2	97.4	97.4
≥ 20	68.5	88.7	90.9	91.5	93.8	94.2	95.4	96.7	97.0	97.6	98.0	98.0	98.4	98.5	98.7	98.7
≥ 10	68.5	88.7	90.9	91.5	93.8	94.2	95.5	96.8	97.2	97.8	98.4	98.4	98.8	99.1	99.4	99.6
≥ 0	68.5	88.7	90.9	91.5	93.8	94.2	95.5	96.8	97.2	97.8	98.4	98.4	98.9	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1962

FORBES FLD KS

63-70,73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	45.1	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8
≥ 2000	47.3	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6
≥ 1800	47.3	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6
≥ 1600	47.3	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6
≥ 1400	47.2	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.8
≥ 1200	48.0	57.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.6
≥ 1000	49.7	59.7	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.6
≥ 900	50.1	60.4	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4
≥ 800	51.5	61.9	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.9
≥ 700	53.7	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5
≥ 600	54.2	64.9	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9
≥ 500	55.6	66.5	67.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4
≥ 450	56.7	68.2	68.7	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4
≥ 400	57.3	69.6	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.8
≥ 350	57.5	70.3	70.9	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5
≥ 300	58.0	71.2	71.7	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4
≥ 250	59.5	73.0	73.5	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 200	61.8	76.7	77.2	77.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.1
≥ 180	62.8	77.7	78.3	78.5	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.2
≥ 150	64.3	79.5	80.0	80.2	80.3	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
≥ 120	65.4	81.1	81.7	82.0	82.3	82.4	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.4
≥ 100	66.3	83.0	83.7	84.1	84.3	84.4	85.1	85.4	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.1
≥ 90	67.1	84.7	85.6	86.1	86.5	86.6	87.2	87.5	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.3
≥ 80	67.7	85.8	86.7	87.2	87.5	87.6	88.3	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.4
≥ 70	67.8	86.8	87.7	88.3	88.7	88.8	89.5	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.5
≥ 60	68.2	87.5	88.6	89.5	90.1	90.3	91.0	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.9	92.0
≥ 50	68.5	88.0	89.4	90.4	91.3	91.6	92.3	92.7	93.1	93.1	93.2	93.2	93.3	93.3	93.4	93.5
≥ 40	68.6	88.5	90.1	91.3	92.4	93.2	94.1	94.9	95.4	95.4	95.5	95.5	95.5	95.7	95.8	95.9
≥ 30	68.6	88.5	90.2	91.5	92.9	93.9	94.8	96.0	97.1	97.1	97.2	97.3	97.5	97.7	98.0	98.1
≥ 20	68.6	88.5	90.3	91.8	93.7	94.6	95.6	96.8	97.8	98.0	98.1	98.2	98.4	98.6	98.8	98.9
≥ 10	68.6	88.5	90.3	91.8	93.7	94.6	95.6	96.8	98.0	98.2	98.3	98.6	98.9	99.1	99.6	99.9
≥ 0	68.6	88.5	90.3	91.8	93.7	94.6	95.6	96.8	98.0	98.2	98.3	98.6	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1752

FORBES FLD KS

63-70, 73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING	40.6	57.4	51.4	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.9	53.0
≥ 20000	42.5	52.5	53.4	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.1
≥ 18000	42.5	52.5	53.4	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.1
≥ 16000	42.5	52.6	53.5	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.9	54.9	55.1	55.2
≥ 14000	42.5	52.7	53.7	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.1	55.1	55.2	55.3
≥ 12000	43.0	53.2	54.2	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.6	55.6	55.7	55.8
≥ 10000	44.3	55.1	56.0	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.4	57.4	57.5	57.6
≥ 9000	44.6	55.5	56.5	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.8	58.0	58.1
≥ 8000	46.7	57.7	58.8	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.3	60.4
≥ 7000	48.6	59.8	60.9	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.5
≥ 6000	49.5	61.1	62.3	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.7	63.7	63.8	63.9
≥ 5000	50.4	62.5	63.7	64.5	64.6	64.7	64.7	64.8	64.8	64.8	65.1	65.1	65.2	65.2	65.3	65.4
≥ 4500	51.2	63.7	64.8	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.3	66.3	66.5	66.6
≥ 4000	52.0	65.4	66.7	67.5	67.6	67.7	67.8	68.0	68.0	68.0	68.1	68.3	68.3	68.4	68.5	68.6
≥ 3500	52.3	66.3	67.6	68.6	68.7	68.8	68.9	69.0	69.0	69.1	69.4	69.4	69.5	69.5	69.6	69.7
≥ 3000	53.0	67.5	68.8	69.9	70.2	70.3	70.5	70.6	70.6	70.8	71.0	71.0	71.1	71.1	71.2	71.3
≥ 2500	54.6	69.8	71.2	72.3	72.6	72.7	72.9	73.0	73.0	73.1	73.3	73.3	73.4	73.4	73.5	73.7
≥ 2000	56.2	72.3	73.9	74.9	75.3	75.4	75.7	75.8	75.8	75.9	76.1	76.1	76.2	76.2	76.3	76.5
≥ 1800	56.3	72.5	74.1	75.2	75.5	75.6	75.9	76.0	76.0	76.1	76.3	76.3	76.5	76.5	76.6	76.7
≥ 1500	59.2	76.2	77.8	78.9	79.2	79.4	79.7	79.8	79.8	79.9	80.1	80.1	80.2	80.2	80.3	80.4
≥ 1200	60.2	77.8	79.7	80.8	81.3	81.4	81.8	81.9	82.0	82.2	82.4	82.4	82.5	82.5	82.6	82.7
≥ 1000	61.1	79.6	81.6	82.7	83.2	83.4	83.9	84.1	84.2	84.4	84.7	84.7	84.8	84.8	84.9	85.1
≥ 900	61.3	80.6	82.8	83.9	84.4	84.6	85.1	85.3	85.5	85.7	86.0	86.0	86.1	86.2	86.3	86.5
≥ 800	61.9	81.4	84.0	85.3	85.9	86.1	86.9	87.1	87.4	87.6	88.0	88.0	88.2	88.4	88.5	88.7
≥ 700	61.9	82.2	84.8	86.1	86.8	87.0	87.7	88.0	88.3	88.7	89.0	89.0	89.4	89.6	89.7	89.9
≥ 600	61.9	82.7	85.5	87.0	88.0	88.3	89.0	89.2	89.7	90.1	90.5	90.6	91.0	91.2	91.3	91.5
≥ 500	61.9	82.7	85.8	87.5	88.7	89.1	90.0	90.4	90.9	91.4	91.8	91.9	92.3	92.5	92.6	92.8
≥ 400	61.9	82.9	86.0	88.2	89.5	90.5	92.0	92.7	93.1	93.9	94.3	94.4	94.9	95.2	95.4	95.6
≥ 300	61.9	82.9	86.0	88.3	89.8	91.1	93.0	93.9	94.5	95.3	95.7	95.8	96.3	96.7	97.0	97.2
≥ 200	61.9	82.9	86.0	88.3	89.9	91.2	93.2	94.1	95.4	96.0	96.7	96.8	97.4	97.7	98.2	98.4
≥ 100	61.9	82.9	86.0	88.3	89.9	91.2	93.2	94.1	95.4	96.2	97.1	97.4	98.1	98.5	99.2	99.8
≥ 0	61.9	82.9	86.0	88.3	89.9	91.2	93.2	94.1	95.4	96.2	97.1	97.5	98.2	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-2

FORBES FLD KS

63-70, 73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1999
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	37.2	49.7	51.2	51.3	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.9
≥ 18000 ≥ 6000	38.4	51.8	53.3	53.4	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	54.0
≥ 14000 ≥ 2000	39.4	51.8	53.3	53.4	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	54.0
≥ 10000 ≥ 9000	38.8	52.4	53.9	54.0	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.5
≥ 8000 ≥ 7000	39.8	52.6	54.1	54.2	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.7
≥ 6000 ≥ 5000	40.9	54.6	56.1	56.2	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.8
≥ 4500 ≥ 4000	42.5	57.0	59.5	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1
≥ 3500 ≥ 3000	42.8	57.5	59.0	59.1	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7
≥ 2500 ≥ 2000	44.1	59.7	61.3	61.5	61.5	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.2
≥ 1800 ≥ 1500	45.7	61.8	63.4	63.7	63.7	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3
≥ 1200 ≥ 1000	46.5	63.1	64.7	64.9	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.6
≥ 900 ≥ 800	46.9	64.1	65.7	65.9	65.9	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7
≥ 700 ≥ 600	47.1	64.7	66.3	66.6	66.6	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4
≥ 500 ≥ 400	47.3	65.9	67.5	67.7	67.7	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.7
≥ 300 ≥ 200	47.5	67.3	68.9	69.1	69.1	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1
≥ 100 ≥ 0	48.4	68.8	70.4	70.6	70.6	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.6
≥ 800 ≥ 700	49.1	70.4	72.2	72.4	72.4	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3
≥ 600 ≥ 500	50.0	72.3	74.0	74.2	74.3	74.6	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7
≥ 400 ≥ 300	50.0	72.6	74.3	74.5	74.6	74.9	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.0
≥ 200 ≥ 100	51.3	74.9	76.7	77.2	77.3	77.6	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9
≥ 100 ≥ 0	52.7	77.5	79.6	80.1	80.5	80.9	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.9	83.0	83.1
≥ 800 ≥ 700	53.2	78.9	81.6	82.2	82.8	83.2	84.3	85.2	85.2	85.2	85.2	85.2	85.2	85.9	86.0	86.1
≥ 600 ≥ 500	53.5	80.1	82.9	83.4	84.1	84.5	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 400 ≥ 300	53.7	80.5	83.3	84.1	84.7	85.3	86.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥ 200 ≥ 100	53.9	81.0	83.9	84.6	85.4	86.2	87.4	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 100 ≥ 0	53.9	81.3	84.2	85.2	86.2	87.1	88.3	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.1	90.1
≥ 800 ≥ 700	53.9	81.5	84.8	85.9	87.2	88.1	89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8
≥ 600 ≥ 500	53.9	81.6	85.1	86.3	87.7	88.6	89.9	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 400 ≥ 300	53.9	81.6	85.1	86.3	87.7	88.6	90.2	92.9	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7
≥ 200 ≥ 100	53.9	81.6	85.1	86.3	87.7	88.6	90.3	93.3	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 100 ≥ 0	53.9	81.6	85.1	86.3	87.7	88.6	90.3	93.3	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1992 FORBES FLD KS

63-70,73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	41.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 2000	43.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1800	43.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1600	43.3	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 1400	43.7	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1200	45.1	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 1000	47.0	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 900	47.3	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 800	49.5	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 700	50.9	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 600	51.3	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 500	51.5	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 450	51.9	67.8	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 400	51.9	68.7	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 350	52.3	69.2	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 300	53.1	70.0	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 250	54.5	72.0	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 200	55.7	74.8	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1800	56.1	75.8	76.2	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1500	59.4	79.4	80.0	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1200	59.6	80.9	83.7	83.9	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	60.2	84.8	85.8	86.6	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	60.3	85.5	86.7	87.4	88.3	88.3	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	60.3	86.3	87.8	88.7	89.8	89.8	89.8	90.0	90.2	90.5	90.5	90.6	90.8	90.8	90.8	90.8
≥ 700	60.8	87.0	88.5	89.5	90.6	90.8	91.2	91.6	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.4
≥ 600	60.8	87.3	88.8	89.8	91.0	91.1	91.5	92.3	92.7	92.7	92.9	93.0	93.1	93.1	93.1	93.2
≥ 500	60.8	87.4	89.0	90.3	91.5	91.7	92.4	93.4	93.9	93.9	94.1	94.2	94.3	94.3	94.3	94.4
≥ 400	60.8	87.5	89.1	90.4	92.0	92.6	93.4	95.3	95.8	96.0	96.5	96.6	96.9	97.0	97.0	97.1
≥ 300	60.8	87.5	89.1	90.5	92.4	92.9	93.8	95.6	96.6	96.9	97.4	97.7	98.1	98.2	98.2	98.4
≥ 200	60.8	87.5	89.1	90.5	92.4	92.9	93.9	95.7	96.9	97.3	98.1	98.5	99.2	99.5	99.5	99.7
≥ 100	60.8	87.5	89.1	90.5	92.4	92.9	93.9	95.7	96.9	97.3	98.1	98.5	99.4	99.7	99.7	100.0
≥ 0	60.8	87.5	89.1	90.5	92.4	92.9	93.9	95.7	96.9	97.3	98.1	98.5	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

JUNIOR CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. STATION FORBES FLD KS

63-70, 73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8
NO CEILING ≥ 20000	44.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000 ≥ 15000	46.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000 ≥ 12000	46.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000 ≥ 8000	47.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000 ≥ 4000	48.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3000 ≥ 2000	49.0	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1800 ≥ 1500	49.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1200 ≥ 1000	50.3	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 800 ≥ 600	52.7	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 400 ≥ 300	53.5	70.2	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 200 ≥ 100	53.7	70.3	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 80 ≥ 60	54.2	71.2	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 40 ≥ 30	54.4	71.7	72.2	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20 ≥ 15	54.6	72.2	72.6	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10 ≥ 8	55.7	74.1	74.5	74.7	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5 ≥ 4	56.3	75.6	76.0	76.2	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3 ≥ 2	58.5	79.4	80.2	80.9	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5
≥ 1 ≥ 0	59.5	80.8	81.7	82.4	82.6	82.9	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 0.5 ≥ 0.2	61.1	83.8	85.3	85.9	86.3	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1
≥ 0.1 ≥ 0.05	61.7	85.3	86.9	87.5	88.7	88.6	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1
≥ 0.05 ≥ 0.02	61.7	86.1	88.0	88.6	89.5	89.8	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6
≥ 0.01 ≥ 0.005	61.7	86.2	88.5	89.1	90.1	90.5	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 0.005 ≥ 0.002	61.7	86.6	88.9	89.6	90.8	91.2	91.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 0.001 ≥ 0.0005	61.9	86.8	89.4	90.2	91.6	92.4	93.0	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1
≥ 0.0005 ≥ 0.0002	61.8	86.8	89.4	90.4	92.5	93.2	94.1	94.8	94.9	95.1	95.4	95.4	95.5	95.5	95.5
≥ 0.0001 ≥ 0.00005	61.8	86.8	89.5	90.5	92.7	93.5	94.4	95.5	95.8	95.9	96.3	96.6	96.8	96.8	96.8
≥ 0.00005 ≥ 0.00002	61.8	86.9	89.6	90.6	93.0	93.9	94.7	96.0	96.5	96.7	97.2	97.4	97.7	97.7	97.7
≥ 0.00001 ≥ 0.000005	61.8	86.9	89.6	90.8	93.3	94.2	95.4	97.0	97.5	97.7	98.3	98.6	99.1	99.1	99.1
≥ 0.000005 ≥ 0.000002	61.8	86.9	89.6	90.8	93.3	94.2	95.4	97.2	97.8	98.1	98.7	99.0	99.7	99.8	99.8
≥ 0.000001 ≥ 0.0000005	61.8	86.9	89.6	90.8	93.3	94.2	95.4	97.2	97.8	98.1	98.7	99.0	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1712
STATION

FORBES FLD MS
STATION NAME

63-70, 73-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 20000	50.3	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000 ≥ 16000	51.2	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000 ≥ 12000	52.9	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000 ≥ 9000	55.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000 ≥ 7000	57.1	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000 ≥ 5000	58.7	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500 ≥ 4000	59.7	72.3	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500 ≥ 3000	60.6	73.4	73.6	73.7	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 2500 ≥ 2000	63.6	78.0	78.2	78.3	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 1800 ≥ 1500	66.8	81.7	82.0	82.1	82.5	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 1200 ≥ 1000	69.8	85.5	85.9	86.1	86.8	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 900 ≥ 800	70.2	87.3	87.7	87.9	88.7	88.8	89.0	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	90.0
≥ 700 ≥ 600	70.3	88.5	89.5	90.1	90.9	91.4	91.6	92.0	92.2	92.4	92.6	92.6	92.6	92.6	92.7	92.9
≥ 500 ≥ 400	70.4	89.0	90.1	90.9	92.1	92.7	93.0	93.5	94.1	94.4	94.6	94.6	94.7	94.7	94.8	95.0
≥ 300 ≥ 200	70.4	89.3	90.4	91.5	93.5	94.7	95.3	96.4	97.2	97.7	98.1	98.1	98.3	98.3	98.5	98.7
≥ 100 ≥ 0	70.4	89.3	90.5	91.6	93.6	94.8	95.4	96.8	97.5	98.2	98.7	98.7	99.1	99.1	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS 427

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-2
STATION

FORBES FLD KS

STATION NAME

63-70, 73-74

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	43.1	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 18000	49.6	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 16000	49.6	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 14000	49.6	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 12000	50.7	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 10000	53.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 9000	54.3	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 8000	57.0	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 7000	58.1	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 6000	58.7	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 5000	59.1	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 4500	60.5	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 4000	60.5	72.5	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3500	60.9	73.1	73.7	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 3000	61.5	74.6	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 2500	63.4	77.1	77.7	78.0	78.0	78.0	79.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 2000	65.2	79.4	79.9	80.3	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 1800	65.9	80.6	81.2	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 1500	67.4	82.3	83.1	83.4	83.6	83.7	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.3
≥ 1200	68.5	83.6	84.6	85.0	85.2	85.3	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1
≥ 1000	69.3	85.1	86.2	86.6	86.8	86.9	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.9
≥ 900	69.3	85.7	86.7	87.2	87.5	87.6	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.5
≥ 800	69.5	86.1	87.2	87.6	87.9	88.0	88.6	88.7	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4
≥ 700	69.5	86.6	87.9	88.3	88.7	88.8	89.4	89.6	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.5
≥ 600	69.5	86.9	88.5	89.0	89.5	89.6	90.5	90.8	91.5	91.6	91.8	91.9	91.9	91.9	91.9	92.0
≥ 500	69.5	87.5	89.2	90.2	91.2	91.4	92.6	92.9	93.5	93.6	94.0	94.1	94.1	94.1	94.1	94.2
≥ 400	69.5	87.5	89.2	90.6	92.1	92.4	94.1	94.6	95.5	95.9	96.3	96.4	96.4	96.4	96.4	96.5
≥ 300	69.5	87.5	89.2	90.7	92.3	92.7	94.6	95.3	96.1	96.8	97.3	97.4	97.4	97.4	97.4	97.7
≥ 200	69.5	87.5	89.2	90.7	92.3	92.7	94.8	95.6	96.8	97.8	98.4	98.5	98.5	98.5	98.5	98.9
≥ 100	69.5	87.5	89.2	90.7	92.3	92.7	94.8	95.7	96.9	98.2	98.8	99.0	99.2	99.2	99.2	99.9
≥ 0	69.5	87.5	89.2	90.7	92.3	92.7	94.8	95.7	96.9	98.2	98.8	99.0	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

172

FORBES FLD KS

63-70,73-74

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 1/8	≥ 0
NO CEILING	44.6	55.4	55.4	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3
≥ 20000	45.9	56.8	57.3	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
≥ 18000	45.3	56.8	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7
≥ 16000	46.7	57.0	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥ 14000	46.3	57.4	57.8	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 12000	47.3	58.6	59.7	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 10000	49.2	61.0	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
≥ 9000	49.4	61.4	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
≥ 8000	51.4	63.8	64.3	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 7000	52.9	65.5	66.0	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 6000	53.6	66.7	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9
≥ 5000	54.3	67.6	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.9
≥ 4500	55.0	68.8	69.4	69.6	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 4000	55.3	69.6	70.3	70.5	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.1
≥ 3500	55.6	70.4	71.1	71.3	71.5	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 3000	56.4	71.8	72.5	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4
≥ 2500	57.8	73.8	74.6	74.9	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6
≥ 2000	59.5	76.6	77.4	77.8	77.9	78.0	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6
≥ 1800	60.1	77.5	78.3	78.7	78.9	79.0	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6
≥ 1500	61.9	80.1	81.1	81.5	81.8	81.9	82.2	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6
≥ 1200	63.0	82.0	83.1	83.6	84.1	84.2	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1
≥ 1000	63.6	83.7	85.0	85.5	86.1	86.3	86.7	87.0	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.6
≥ 900	63.9	84.5	86.0	86.6	87.2	87.4	87.8	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.7	88.8
≥ 800	64.1	85.2	86.8	87.4	88.2	88.4	89.0	89.3	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.1
≥ 700	64.3	85.8	87.6	88.3	89.2	89.5	90.1	90.6	90.9	91.1	91.3	91.3	91.4	91.4	91.5	91.6
≥ 600	64.3	86.2	88.0	88.9	89.9	90.3	91.0	91.6	91.9	92.1	92.4	92.4	92.5	92.6	92.6	92.7
≥ 500	64.4	86.4	88.5	89.6	91.0	91.4	92.2	92.9	93.3	93.6	93.9	94.0	94.1	94.2	94.2	94.4
≥ 400	64.4	86.6	88.8	90.0	91.7	92.4	93.4	94.4	94.9	95.3	95.7	95.8	96.0	96.1	96.2	96.3
≥ 300	64.4	86.6	88.8	90.1	92.0	92.8	94.0	95.4	96.1	96.6	97.1	97.2	97.5	97.7	97.8	98.0
≥ 200	64.4	86.6	88.8	90.2	92.1	92.9	94.2	95.8	96.7	97.3	97.9	98.1	98.5	98.7	98.9	99.1
≥ 100	64.4	86.6	88.8	90.2	92.1	92.9	94.3	95.8	96.7	97.4	98.1	98.4	98.9	99.2	99.4	99.9
≥ 0	64.4	86.6	88.8	90.2	92.1	92.9	94.3	95.8	96.7	97.4	98.1	98.4	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-2

FORBES FLD MS

63-70, 73-75

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	45.5	63.0	63.4	63.6	63.8	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1
≥ 2000	46.7	64.6	65.1	65.2	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 1800	47.0	64.7	65.1	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 1600	47.3	64.7	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8
≥ 1400	47.2	65.0	65.4	65.6	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1
≥ 1200	48.1	66.2	66.6	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 1000	50.2	69.1	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 900	50.6	69.9	70.4	70.6	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 800	52.4	72.4	72.9	73.2	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.8
≥ 700	53.4	74.0	74.6	74.8	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.5
≥ 600	54.3	75.6	76.2	76.4	76.7	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1
≥ 500	55.1	77.0	77.6	77.9	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 450	55.7	78.0	78.7	79.0	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 400	56.6	79.5	80.2	80.5	80.8	80.9	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 350	57.2	80.4	81.2	81.5	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4
≥ 300	58.0	81.7	82.5	82.8	83.2	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.8
≥ 250	59.1	83.5	84.3	84.7	85.1	85.2	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7
≥ 200	60.1	85.3	86.2	86.6	87.0	87.1	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 180	60.5	85.9	86.9	87.3	87.7	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4
≥ 150	61.3	87.6	88.6	89.1	89.6	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.4
≥ 120	61.9	88.6	89.8	90.3	90.8	91.0	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7
≥ 100	62.3	89.6	90.9	91.4	92.1	92.2	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 90	62.4	90.0	91.4	92.0	92.6	92.8	93.2	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
≥ 80	62.5	90.5	91.9	92.6	93.3	93.5	94.0	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
≥ 70	62.6	90.9	92.4	93.2	94.0	94.2	94.7	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.5
≥ 60	62.7	91.2	92.7	93.6	94.5	94.8	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.2
≥ 50	62.8	91.4	93.1	94.0	95.1	95.5	96.1	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1
≥ 40	62.8	91.5	93.3	94.3	95.5	96.0	96.8	97.3	97.4	97.6	97.7	97.8	97.8	97.9	97.9	98.1
≥ 30	62.8	91.6	93.4	94.4	95.7	96.2	97.1	97.8	98.0	98.2	98.4	98.5	98.6	98.6	98.7	98.8
≥ 20	62.8	91.6	93.4	94.5	95.8	96.3	97.2	97.9	98.3	98.5	98.8	98.9	99.1	99.1	99.2	99.4
≥ 10	62.8	91.6	93.4	94.5	95.8	96.3	97.2	98.0	98.3	98.6	98.9	99.0	99.3	99.3	99.5	99.6
≥ 0	62.8	91.6	93.4	94.5	95.8	96.3	97.2	98.0	98.3	98.6	98.9	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87598

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR
THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

3.2.4

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	0-02	32.7			19.5						7.9	39.9	5.3	929
	03-05	33.7			13.5						10.5	42.3	5.6	928
	06-08	25.2			15.4						14.2	45.3	6.3	930
	09-11	20.5			16.0						13.7	49.8	6.7	930
	12-14	20.2			19.2						14.9	45.6	6.5	930
	15-17	19.9			19.2						14.1	46.8	6.5	929
	18-20	23.9			20.8						14.2	41.1	6.0	929
	21-23	31.0			19.9						9.0	40.1	5.4	930
TOTALS		25.9			17.9						12.3	43.9	6.0	7435

SKY COVER

FEB

WJN?

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	37.4			14.7						7.6	40.4	5.2	846
	03-05	33.7			16.7						8.9	40.8	5.4	846
	06-08	26.9			18.8						12.6	41.7	5.9	844
	09-11	21.0			20.1						15.1	43.7	6.3	846
	12-14	19.9			24.3						13.4	42.4	6.2	844
	15-17	21.6			21.0						15.0	42.3	6.2	846
	18-20	26.2			18.6						13.8	41.3	5.9	842
	21-23	35.2			15.1						9.7	40.0	5.3	846
TOTALS		27.7			19.7						12.0	41.6	5.8	6760

SKY COVER

MAR

STATION

STAT ON NAME

PER OD

SUNIN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	36.3			16.3						9.5	37.9	5.1	924
	03-05	34.3			16.6						9.3	39.8	5.3	927
	06-08	19.2			21.0						15.2	44.6	6.5	928
	09-11	15.4			19.1						17.4	48.1	6.9	930
	12-14	11.9			21.0						20.3	46.9	7.1	928
	15-17	12.8			27.0						18.2	49.0	7.1	929
	18-20	19.1			20.0						16.8	44.1	6.5	929
	21-23	32.4			17.6						11.3	38.7	5.4	930
TOTALS		22.7			19.0						14.8	43.6	6.2	7425

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

APR

STATION

STATION NAME

PERIOD

MON*

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	33.3			15.5						11.4	39.8	5.5	896
	03-05	30.1			16.3						12.7	40.8	5.7	896
	06-08	20.6			17.9						15.5	46.0	6.5	896
	09-11	17.9			18.9						16.0	47.2	6.7	899
	12-14	13.9			22.2						15.8	48.1	6.9	899
	15-17	14.9			21.0						17.6	46.6	6.9	900
	18-20	17.3			23.3						15.3	44.1	6.5	897
	21-23	31.5			17.9						11.5	39.2	5.5	896
TOTALS		22.4			19.1						14.5	44.0	6.3	7179

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920 FORBES FLD KS

63-70, 73-74

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	31.0			21.9						13.3	33.8	5.2	930
	03-05	22.7			22.3						16.0	39.0	6.0	930
	06-08	16.8			19.8						16.1	47.3	6.8	929
	09-11	15.2			22.1						20.7	42.1	6.7	929
	12-14	9.9			29.8						23.3	37.0	6.7	929
	15-17	9.3			32.3						23.1	35.4	6.6	927
	18-20	16.5			30.1						18.9	34.4	6.1	929
	21-23	31.1			24.7						13.3	30.9	5.0	929
TOTALS		19.1			25.4						18.1	37.5	6.1	7432

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

JUN

5.2.2

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	30.9			25.0						13.6	37.5	5.0	899
	03-05	24.4			23.6						18.8	33.2	5.7	898
	06-08	17.7			19.7						21.2	41.4	6.6	898
	09-11	15.6			23.5						24.5	36.5	6.6	899
	12-14	13.0			29.0						27.8	30.2	6.4	897
	15-17	12.0			35.3						28.7	23.9	6.0	898
	18-20	17.7			37.6						19.9	24.8	5.4	899
	21-23	25.1			29.4						17.8	27.7	5.3	899
TOTALS		19.6			27.9						21.5	31.0	5.9	7187

SKY COVER

JUL

STATION

STAT ON NAME

PERIOD

— 222 —

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	39.0			27.6						12.8	20.5	4.0	930
	03-05	32.3			24.5						17.3	25.9	4.9	928
	06-08	19.1			26.7						23.4	30.8	6.0	928
	09-11	19.6			29.4						27.3	23.6	5.7	927
	12-14	15.7			37.5						25.4	21.4	5.5	930
	15-17	15.1			44.1						23.7	17.2	5.2	930
	18-20	24.8			38.7						20.1	16.3	4.6	930
	21-23	32.5			35.1						14.5	17.8	4.1	928
TOTALS		24.8			33.0						20.6	21.7	5.0	7431

11

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SKY COVER

AUG

100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LISTED	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	42.2			22.5						12.7	22.5	4.1	927
	03-05	37.5			22.6						13.7	24.1	4.3	928
	06-08	22.5			26.1						19.0	32.4	5.7	927
	09-11	22.7			25.0						20.2	32.1	5.8	929
	12-14	15.9			33.3						24.2	26.6	5.8	927
	15-17	16.1			38.9						23.3	21.7	5.4	926
	18-20	26.5			37.6						20.7	22.2	5.0	926
	21-23	39.0			26.0						13.6	21.4	4.1	924
TOTALS		28.1			28.1						18.4	25.4	5.0	7414

SKY COVER

SEP

4. 2. 2.

MONTH	HOURS ILST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	40.5			19.0						11.9	28.7	4.5	897
	03-05	37.5			19.0						11.2	32.3	4.8	893
	06-08	25.6			22.0						14.3	37.9	5.7	892
	09-11	24.4			21.7						16.8	37.0	5.9	897
	12-14	19.5			26.7						19.3	34.5	6.0	898
	15-17	18.9			30.3						20.3	30.5	5.8	895
	18-20	26.9			25.9						18.3	28.8	5.3	898
	21-23	36.8			22.2						12.2	28.9	4.6	897
TOTALS		28.8			23.4						15.5	32.3	5.3	7167

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13920 FORBES FLD KS

63-70,73-74

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	47.5			19.3						9.4	23.9	3.8	929
	03-05	48.0			18.1						9.4	24.6	3.8	928
	06-08	34.5			20.9						12.0	32.6	5.0	930
	09-11	30.0			21.3						15.7	33.0	5.4	930
	12-14	27.9			23.1						19.4	29.6	5.4	928
	15-17	27.1			24.4						22.2	26.3	5.4	930
	18-20	34.3			23.4						16.1	26.2	4.8	929
	21-23	45.0			21.1						11.4	22.5	3.9	929
TOTALS		36.8			21.5						14.5	27.3	4.7	7433

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

NOV

5. 2. 2.

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	34.5			17.5						17.1	33.9	4.8	898
	03-05	39.3			14.8						9.8	36.2	4.9	899
	06-08	25.6			19.8						14.9	39.6	5.9	898
	09-11	22.2			17.4						15.8	44.6	6.4	900
	12-14	23.2			15.2						21.1	40.4	6.4	900
	15-17	19.7			19.3						20.8	40.1	6.5	897
	18-20	27.9			19.6						15.8	36.7	5.7	899
	21-23	37.4			16.7						10.8	35.1	5.0	900
TOTALS		29.2			17.5						14.9	38.3	5.7	7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
41- WEATHER SERVICE/MAC

SKY COVER

1792. FORBES FLD KS

63-70,73-74

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	0-02	32.0			14.4						8.6	45.0	5.7	929
	03-05	32.8			14.8						7.8	44.7	5.6	927
	06-08	23.9			14.4						13.0	48.7	6.5	929
	09-11	13.2			15.4						15.6	50.9	7.0	930
	12-14	16.3			16.8						14.1	52.9	7.1	929
	15-17	16.4			18.8						15.6	49.2	6.9	929
	18-20	25.8			18.5						11.0	44.6	6.0	925
	21-23	30.6			16.1						10.7	42.6	5.7	925
TOTALS		24.5			16.2						12.1	47.3	6.3	7423

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SKY COVER

13920 FOPBES FLD KS

63-7J,73-75

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	25.9			17.9						12.3	43.9	6.0	7435
FEB		27.7			18.7						12.0	41.6	5.8	6760
MAR		22.7			19.0						14.8	43.6	6.2	7425
APR		22.4			19.1						14.5	44.0	6.3	7179
MAY		19.1			25.4						18.1	37.5	6.1	7432
JUN		19.6			27.9						21.5	31.0	5.9	7187
JUL		24.8			33.0						20.6	21.7	5.0	7431
AUG		29.1			28.1						18.4	25.4	5.0	7414
SEP		28.8			23.4						15.5	32.3	5.3	7167
OCT		36.9			21.5						14.5	27.3	4.7	7433
NOV		29.2			17.5						14.9	38.3	5.7	7191
DEC		24.5			16.2						12.1	47.3	6.3	7423
TOTALS		25.8			22.3						15.8	36.2	5.7	87477

USAFETAC

FORM
JUL 64

D-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

1. TOTAL CLIMATE DATA
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DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1													
2													
3													
4													
5													
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99													
100													
MEAN	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
S D	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
TOTAL OBS	100	100	100	100	100	100	100	100	100	100	100	100	100

1. NAME OF STATION:
 2. LOCATION:
 3. DATE:
 4. STATION:
 5. STATION NAME:
 6. YEARS:

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
2													
1													
0													
-1													
-2													
-3													
-4													
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-6													
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-100													
MEAN	1.0	28.0	51.0	44.4	54.4	63.3	68.5	60.6	57.0	47.0	34.0	23.7	44.5
S.D.	11.01	10.32	11.05	7.16	5.14	3.37	5.47	5.75	7.94	9.51	10.71	10.31	10.35
TOTAL OBS	121	47	104	60	102	95	62	53	93	105	65	135	1168

U.S. AIR FORCE
 STATION
 47-12-10
 STATION NAME

DAILY TEMPERATURES

42-47, 52-78
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70							1.4						1.4
71						4.1	17.3	11.6	1.4				2.9
72					1.7	19.1	48.2	38.8	10.3	1.1			9.8
73				1.1	11.7	48.1	77.3	67.2	25.2	2.7			19.2
74			.3	1.3	31.3	76.1	94.9	88.7	48.2	9.7	.2		29.1
75			2.4	17.7	52.9	90.0	99.6	97.7	69.2	25.7	1.6		37.6
76		.2	7.8	31.6	71.7	97.4	100.0	99.9	86.8	43.7	6.5		45.3
77		1.2	15.4	52.5	87.8	99.1		100.0	95.7	64.6	15.5	1.3	52.5
78	1.7	7.4	28.4	71.1	96.6	100.0			99.1	82.6	26.9	4.5	58.8
79	6.1	15.0	43.1	85.9	99.1			100.0	92.4	47.7	12.0		68.9
80	17.8	33.6	57.9	94.2	99.9				98.4	66.5	25.8		73.9
81	31.7	47.0	73.0	99.1	100.0				99.8	82.5	42.7		81.1
82	47.7	64.1	85.3	99.8					99.7	92.6	62.8		87.6
83	61.9	77.3	93.5	99.9					100.0	96.4	78.1		92.2
84	73.4	83.5	96.8	100.0						98.4	88.1		95.4
85	82.7	94.9	98.6							99.6	94.3		97.5
86	91.3	98.2	99.3							100.0	97.1		98.6
87	95.4	99.3	99.8										99.6
88	97.5	99.7	100.0									100.0	99.9
89	100.0	100.0											100.0
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	77.3	83.4	82.1	85.2	84.6	73.3	79.3	77.3	68.7	58.3	43.8	32.4	54.7
S.D.	1.230	1.131	1.097	1.466	1.236	1.701	1.577	1.179	1.449	1.976	1.279	1.668	1.108
TOTAL OBS.	72	4	134	20	1022	98	92	483	57	1023	49	1036	1168

CLIMATE DIVISION
 WASHINGTON
 AIR WEATHER SERVICE/AC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17-20 FOMBLE FLD KS 42-49, 52-72
 STATION STATION NAME YEARS

IN DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
43										84	78	57	
44	65	72	83	90	92	94	100	103	92	83	73	62	103
45	65	73	84	76	94	95	95	100	96	83	77	48	100
46	66	66	81	79	87	92	98	98	97	85	79	61	98
47	66	73	80	88	83*	101	104	104	90	83	67	70	104
48	66	72	76	86	88*	90						64	
49	65	69	76	90	85	97	94	92	95	81	71	65	98
50	67	60	73	85	86	93	98	96	86	85	76*	64	98
51	64	64	73	85	96	102	104	101	97	86	77	53	
52	63	65	84	92	94	106	100	100	104	93	74	57	106
53	61	77	70	88	88	100	111	102	102	95	75	62	111
54	60	56	81	86	89	93	104	99	100	84	73	65	104
55	67	66	83	93	97	101	103	107	102	92	74	70	107
56	69	63	75	79	82	92	100	99	90	83	69	65	100
57	57	70	60	87	91	98	93	99	96	85	75	59	99
58	59	61	74	86	89	97	96	97	94	76	73	60	97
59	54	56	75	86	89	99	99	102	93	85	72	65	102
60	61	72	73	88	87	97	100	94	94	82	73	64	100
61	54	72	81	85	92	91	96	102	91	85	72	67	102
62	63	66	84	84	90	96	100	105	94	96	77	63	105
63	61	59	73	84	95	90	104	105	89	80	79	58	105
64	67	66	65	89	86	90	96	99	90	89	76	66	99
65	55	62	35	83	90	93	102	95	87	84	75	69	102
66	70	71	84	85	92	88	102	93	88	87	69	60	102
67	64	60	83	81	89	95	95	95	90	87	69	63	95
68	57	53	80	80	87	94	97	100	95	88	69	59	100
69	52	68	74	88	86	94	105	107	99	83	69	66	107
70	60	65	78	84	87	97	96	96	96	87	73	58	97
71	57	82	82	87	85	93	98	99	95	88	67	64	99
72	52	62	70	81	88	99	96*	94		85	75	59	
73													
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

MAXIMUM TEMPERATURE:

(FROM DAILY OBSERVATIONS)

1-20
STATION

STATION NAME

42-49, 52-78 YEARS

YEARS

WOLLE DECKTES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88.5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 HRS)

OFFICE OF METEOROLOGY
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAO

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17-20 F. RES. FLD. KS

42-49, 52-70

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
42										25	17	12	
43	-14	10	-1	26	41	53	61	51	44	23	22	-1	-14
44		-1	11	28	29	49	58	56	51	36	12	7	-1
45	5	13	5	25	37	44	58	57	41	31	16	-7	-7
46	7	15	23	31	33*	45	60	48	42	31	19	-2	-2
47	-15	-2	8	31	31*	45						14	
48	-9	-2	-6	29	42	55	56	55	46	30	20	0	-9
49	-6	6	6	29	42	60	62	55	38	25	23*	11	-6
50		16	3	27	40	56	55	58	45	26	6	9	
51	-1	10	12	27	36	58	60	60	44	34	25	5	-1
52	-1	16	14	26	33	48	64	64	44	25	20	14	-5
53	5	-2	4	33	46	52	64	57	51	34	9	4	-2
54	1	1	11	26	43	49	60	52	44	38	15	14	1
55	2	16	18	24	37	52	61	59	43	25	20	7	2
56	2	-1	19	32	42	51	60	51	39	34	13	1	-1
57	-12	0	21	27	37	53	53	59	43	32	4	16	-12
58	1	1	-2	29	34	55	56	56	46	24	14	5	-2
59	-5	7	25	28	35	54	55	52	40	29	25	-9	-9
60	-8	-3		23	41	53	55	56	42	31	22	-4	-8
61	-9	6	20	33	32	58	60	56	44	34	21	-4	-9
62	-4	10	11	30	44	45	57	50	41	31	5	-2	-4
63		-1	10	34	43	55	60	56	40	33	14	15	-1
64	-2	3	13	25	38	51	63	53	44	25	16	3	-9
65	3	5	-3	26	33	48	53	48	36	27	20	-3	-3
66	-9	4	14	24	39	52	55	58	49	34	21	-5	-9
67	-2	7	11	34	41	48	63	58	49	23	18	13	-2
68	-6	2	18	20	40	51	53	56	45	34	9	14	-6
69	1	-15	12	29	38	55	51	54	43	30	17	15	-15
70	-10	-2	12	19	43	49	50	58	37	20	24	1	-10
71	-6	7	20	28	43	51	59*	59		35	25	-3	
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

SWIMMING TEMPERATURE

FROM DAILY OBSERVATIONS

1002. _____ FILE NO.

42-49, 54-75

STATION

STATION NAME

YEARS

WINDS DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

4) (AT LEAST ONE DAY LESS THAN 24 OBS.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

STATION FORBES FLD KS

63-70,74-75

JAN

PAGE 1

0000-0

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb Dew															
2 / 61			.2															2		2															
1 / 59		.3	.4															7		7															
1 / 57																					7														
5 / 55				.1	.1													2		2															
4 / 53		.3	.1															4		4															
2 / 51																					7														
5 / 49	.1	.6	.3		.1													11		11															
4 / 47		.1	.2	.1	.1													5		5															
4 / 45		1.0	.1	.2														12		12															
4 / 43		.6	.1	.5	.2													14		14															
2 / 41		1.0	.5	1.1		.1												25		25															
4 / 39	.2	2.0	1.4	.8	.2													49		49															
3 / 37	.5	1.1	2.0	.3	.1													39		39															
1 / 35		1.7	2.4	.3	.3													44		44															
3 / 33		3.5	3.2	1.0	.1													73		73															
2 / 31	.9	2.6	3.1	.9														69		69															
1 / 29	.5	4.6	1.9															66		66															
2 / 27	.2	3.5	1.5															49		49															
1 / 25	.4	2.6	.8															35		35															
2 / 23	.3	2.5	.4															30		30															
2 / 21	.5	2.9	.2															34		34															
1 / 19	.4	4.3	.8															51		51															
1 / 17	.4	2.5	.6															33		33															
1 / 15	.8	2.6	.2															33		33															
1 / 13	.6	3.7	.1															41		41															
1 / 11	.3	3.5																36		36															
10 / 9	1.1	2.3	.1															32		32															
1 / 7	.1	3.2																31		31															
1 / 5	.1	2.8																27		27															
1 / 3	.5	1.2																16		16															
2 / 1	.5	1.1																15		15															
1 / -1	1.2	.3																14		14															
1 / -3	.4	1.3																16		16															
1 / -5	.4	.4																8		8															
Element (X)	Σ X				Σ X				Σ X				Σ X				Σ X				Σ X				Σ X				Σ X						
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-3 OLA PRVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC (U)
DEC 81

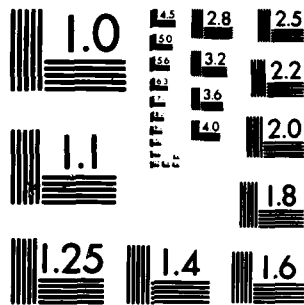
USAFETAC/DS-82/008

581-AD-F850 140

NL

4 · 6

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

63-70, 74-75

JAN

PAGE 2 0000-0200

0000-2200

HOURS: 11:30-5:30

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
- / -7	.5	.2																7	7	7	15											
- / -9	.2																	2	2	4	9											
- / -11																					11											
- / -13																					6											
- / -15																					14											
- / -17																					2											
- / -19																					3											
- / -21																					3											
TOTAL	12.06	0.42	0.9	5.3	1.3	.1											930	930	930	930												

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17420 STATION FORBES FLD KS 63-70.74-75 YEARS JAN MONTH

PAGE 1 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
61			.3															3		3																
59		.3	.3															6		6																
57																																				
55		.1																1		1																
53		.3	.2															5		5																
51		.3	.3															6		6																
49		.4																4		4																
47		.5	.2	.1	.2													10		10																
45			.1	.2														3		3																
43			.1	.6														7		7																
41		1.3	.3	.6														21		21																
39	.9	.8	.4	.6														25		25																
37	.5	1.9	1.3	.5														40		40																
35	.1	1.9	2.3	.8														47		47																
33	.2	3.4	2.2	.6	.1													61		61																
31	1.3	3.3	2.2	.3														66		66																
29	.8	3.0	2.4															57		57																
27	.4	5.8	1.2															69		69																
25	.5	4.7	1.0															58		58																
23	.3	2.5	.3															29		29																
21	.6	2.2	.8															33		33																
19	.9	3.4	.3															43		43																
17	.4	2.7	.4															33		33																
15	.1	4.0																38		38																
13	.3	2.8																29		29																
11	1.2	3.2	.1															42		42																
9	.5	3.4																37		37																
7	1.3	3.1																41		41																
5	.3	1.8																20		20																
3	.5	2.8																31		31																
1	.3	.9																11		11																
-1	1.0	.3																12		12																
-3	.9	.6																14		14																
-5	.4	.4																8		8																
Element (X)	ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX	
Rel. Num.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

JAN
MONTH

0300-0500

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

PAGE 2

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

9

YEARS

PAGE 1 0900-1100

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

HJAS S. T.

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1200-1400
HOURS L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

142.]

FORBES FLD KS

63-70, 74-75

JA²

STATION

STATION NAME

YEARS

MON'N

PAGE 2

1250-1450

W. J. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1500-1700
HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 2 JAN MONTH 1500-1700 HOURS S. S. T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17421
STATION

FORBES FLD KS
STATION NAME

63-70,74-75
YEARS

JAN
MONTH

PAGE 1

1800-2700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
62 / 61		.1			.1													2	2																
61 / 59		.2		.3	.1		.1	.1										8	9	1															
60 / 57				.1		.1	.1											3	3	2	3														
59 / 55						.2												2	2	1															
4 / 53		.2	.2			.3	.1											8	8	6															
52 / 51	.2	.3	.3	.1	.2		.2											13	13	4	5														
51 / 49	.1	.6	.4		.3	.3		.1										18	18	10	5														
4 / 47		.3	.3	.8	.5	.1												19	19	10	9														
46 / 45		.4	.3	1.7	.4	.1	.2											23	23	9	9														
44 / 43		.9	.3	1.5	.9	.3	.1											37	37	17	5														
42 / 41	.3	1.4	.9	1.5	.5	.4												47	47	26	14														
41 / 39	.2	.6	1.8	1.4	.3	.6												47	47	34	8														
3 / 37		1.6	2.8	1.3	.5													58	58	38	14														
36 / 35		1.6	3.3	1.1	.2													58	58	56	15														
35 / 33	.2	3.0	2.9	1.0														66	66	74	20														
32 / 31	.2	2.0	1.7	1.5	.4													55	55	63	46														
31 / 29	.3	3.0	2.0	.4	.1													55	55	72	62														
30 / 27	.2	1.4	2.7	.1														41	41	51	76														
29 / 25	.1	2.8	2.4	.1														50	50	44	61														
28 / 23		2.8	.6	.1														33	33	60	45														
22 / 21	.9	2.2	1.1															38	38	57	38														
21 / 19	.1	2.0	.8															27	27	23	51														
18 / 17	.1	2.9	1.5															42	42	33	55														
16 / 15	.3	2.4	.1															26	26	37	57														
15 / 13		1.5	.3															17	17	32	36														
14 / 11		2.3	.3															24	24	16	39														
13 / 9	.1	3.2	.1															32	32	26	26														
12 / 7	.1	2.2																21	21	33	31														
11 / 5	.2	1.7																18	18	23	27														
10 / 3	.3	1.2																14	14	18	26														
9 / 1	.1	.9																9	10	13	22														
8 / -1	.5	.5																10	10	8	22														
7 / -3	.3	.4																7	7	9	16														
6 / -5	.1																	1	1	3	24														
Element (X)	Σ x ²			Σ x			x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 100-270
FBI - S.F.

USAFETAC FORM 0-26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1920
STATION

FORBES FLD KS

STATION NAME

63-70,74-75

YEARS

JAN
MONTH

PAGE 1

2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
61 / 61			.1	.1														2	2																
59 / 59		.3	.1	.1														5	5																
57 / 57			.1	.1			.1											3	3	4	3														
55 / 55		.3				.2												5	5	3	4														
53 / 53		.1																1	1	5	3														
52 / 51		.2																2	2	1	6														
50 / 49	.3	.6	.5															14	14	8	5														
48 / 47			.2	.4	.3													9	9	7	4														
46 / 45		.6	.3	.5	.3	.2												17	19	5	6														
44 / 43		.6	.4	.8	.3	.3												23	23	12	4														
42 / 41	.1	1.4	.6	.4	.3	.1												28	28	15	10														
40 / 39	.3	1.1	2.2	1.4	.4													50	50	24	13														
38 / 37	.6	1.4	2.2	1.3	.8													58	58	37	19														
36 / 35		1.6	2.8	.8	.5													53	53	44	16														
34 / 33		3.4	3.1	.6														67	67	58	16														
32 / 31	.6	2.8	2.9	.5														64	64	65	34														
30 / 29	.9	3.5	2.7	.1	.1													68	68	84	64														
28 / 27	.2	2.5	.4	.2														31	31	66	71														
26 / 25	.4	2.6	1.6	.1														44	44	46	66														
24 / 23	.3	4.1	.2															43	43	38	47														
22 / 21	.6	3.5	.6															45	45	65	50														
20 / 19	.3	2.7	.5															33	33	32	44														
18 / 17	.3	2.0	.9															30	30	34	58														
16 / 15	.6	3.0	.1															42	42	32	57														
14 / 13	.3	2.9	.4															34	34	47	37														
12 / 11	.4	1.7	.1															21	21	29	46														
10 / 9	.2	1.9	.2															22	22	21	33														
8 / 7	.1	2.8																27	27	26	42														
6 / 5	.5	2.3																26	26	32	31														
4 / 3	.2	1.9																20	20	20	14														
2 / 1	.2	1.0																11	11	16	25														
0 / -1	.2	.3																11	11	12	29														
-2 / -3	.3	.9																11	11	9	21														
-4 / -5	.4	.4																8	8	13	16														
Element (X)	Σ X ²			Σ X			Σ	Σ _x	No. Obs.			Mean No. of Hours with Temperature																							
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F								Total					
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1420 FORBES FLD KS STATION NAME

63-70, 74-75 YEARS

PAGE 2 21 8-17

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	...														
- / -7																																			
- / -9																																			
- / -11																																			
- / -13																																			
- / -15																																			
- / -17																																			
TOTAL	1.555	5.523	4	7.5	3.1	.9	.1											930	930	930															

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	4911223	66429	71.4	13.378	930							93
Dry Bulb	810643	24519	26.4	13.295	930	3.0	59.1					93
Wet Bulb	680226	22350	24.0	12.411	930	3.4	70.7					93
Dew Point	485361	16737	18.0	14.079	930	12.4	82.5					93

PSYCHROMETRIC SUMMARY

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ALL

NO. 95 N. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 0000-0200
HOURS, L. S. T.

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122 FORBES FLD MS 63-70,74-75 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0800
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. Dry Bulb			TOTAL Wet Bulb Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31																				
50 / 55			.1															1	1																		
47 / 53			.2															2	2																		
42 / 51		.2	.4															5	5														3				
50 / 47		.2	.2			.1												5	5														1				
47 / 47			.2			.2												4	4														4				
46 / 45		.2	.2	.2	.1													7	7														5				
44 / 43			.6	.2														7	7														2				
42 / 41	.2	.8	.5	.9	.4													24	24														5				
40 / 39	.5	.4	.7	.5	.2													19	19														7				
38 / 37		.9	2.1	1.2	.1													37	37														10				
36 / 35	.8	1.8	1.7	1.5	.1													50	50														14				
34 / 33	.2	2.5	2.7	2.0	.2													65	65														14				
32 / 31	1.1	3.4	2.7	.6														66	66														21				
30 / 29	1.5	6.1	2.6	.2														89	89														58				
28 / 27	.4	5.7	1.4	.1														64	64														34				
26 / 25		6.1	1.2															62	62														57				
24 / 23	.1	4.5	.6	.1														45	45														77				
22 / 21	.6	2.8	1.1	.1														39	39														83				
20 / 19	.8	5.3	.5															56	56														77				
18 / 17	1.1	2.2	.7															34	34														45				
16 / 15	.4	3.1	.2															31	31														54				
14 / 13	1.2	2.6	.1															33	33														46				
12 / 11	.2	4.4	.1															40	40														37				
10 / 9	.2	2.1																20	20														36				
8 / 7	.2	1.5																15	15														28				
6 / 5	.4	1.2																13	13														32				
4 / 3	.1	.6																6	6														27				
2 / 1		.6																5	5														25				
0 / -1	.1	.1																2	2														12				
-2 / -3																																		12			
-4 / -5																																		11			
-6 / -7																																		8			
-8 / -9																																		3			
-10 / -11																																		1			
Element (X)	Σ X ²			Σ X			Σ			Σ			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature															
Rel. Hum.																						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

PSYCHROMETRIC SUMMARY

FED
MAR 1964

PAGE 1 0950-1100
NO. 65 U. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1962 FORBES FLD KS

63-70, 74-75

FEB

PAGE 1

1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 69												.1	.2						3	7															
6 / 67												.2							2	2															
6 / 65								.1	.1	.1	.1								4	4															
4 / 63							.1	.1		.4									5	5															
4 / 61				.2		.1	.2	.2	.7										13	13															
4 / 59			.1	.4		.2	.1	.1	.2	.1									11	11															
4 / 57					.1	.4	.4	.6	.2										14	14		1													
5 / 55		.1			.4	.4	.4	1.2											20	20		5													
4 / 53		.1	.1	.1	.5	.1	1.2	.5											22	22	2	2													
4 / 51		.1		.6	.4	1.7	1.5	.1	.1										38	38	6	2													
5 / 49		.2	.5	.2	.8	.8	1.4	.5											38	38	11	4													
4 / 47		.2	.4	.2	1.4	1.5	.7	.1											39	39	19	2													
4 / 45		.2	.4	1.2	.9	1.1	.2	.1											35	35	32	2													
4 / 43		.4	.9	1.1	1.2	1.2	.5												44	44	23	5													
4 / 41		.2	.1	1.5	2.0	.9													41	41	54	9													
4 / 39	.1	1.9	.8	1.5	1.1	.2													48	48	59	18													
3 / 37	.2	1.7	.9	1.7	1.1	.6													52	52	73	22													
3 / 35	.1	1.8	2.2	1.5	.9	.2													58	58	62	31													
3 / 33		1.1	2.5	1.5	1.1	.2													54	54	60	26													
3 / 31		2.1	2.4	1.3	1.7	.1													64	64	69	34													
3 / 29	.1	1.9	1.8	1.9	.6	.1													54	54	66	64													
3 / 27	.2	2.0	1.7	2.4	.2														55	55	52	38													
3 / 25		.5	1.8	.6															24	24	61	82													
2 / 23		.7	2.0	.9	.1														32	32	46	75													
2 / 21		.6	1.1	.5															18	18	46	76													
2 / 19	.1	1.2	.5																15	15	30	46													
1 / 17		.6	.7																11	11	22	41													
1 / 15		.9	.8																15	15	12	34													
1 / 13		.5	.2																6	6	15	30													
1 / 11		.5	.4																7	7	9	34													
1 / 9		.2																	2	2	6	45													
1 / 7																					4	27													
1 / 5		.1																	1	1	1	25													
4 / 3																						23													
Element (X)	ΣX^2			ΣX			\bar{X}			σ^2			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

45

PAGE 2 1200-1400
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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1962 FORBES FLD KS
STATION

63-70, 74-75
STATION NAME

YEARS

FEB
MONTH

PAGE 1 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72 / 71																			2		2														
71 / 69																			4		4														
69 / 67																			6		6														
67 / 65																			4		4														
64 / 63																			8		8														
62 / 61																			15		15														
59 / 59																			20		20														
57 / 57																			16		16														
55 / 55																			16		16	6													
54 / 53																			43		43	3													
52 / 51																			54		54	9													
50 / 49																			43		43	24													
48 / 47																			24		24	22													
47 / 45																			36		36	28													
44 / 43																			50		50	42													
42 / 41																			43		43	60													
40 / 39																			35		35	60													
38 / 37																			47		47	64													
36 / 35																			57		57	59													
34 / 33																			66		66	51													
32 / 31																			63		63	66													
30 / 29																			48		48	63													
28 / 27																			46		46	74													
26 / 25																			28		28	52													
24 / 23																			12		12	41													
22 / 21																			15		15	44													
20 / 19																			20		20	22													
18 / 17																			4		4	16													
16 / 15																			10		10	15													
14 / 13																			7		7	9													
12 / 11																			4		4	7													
10 / 9																						9													
8 / 7																						34													
6 / 5																						29													
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

PAGE 2 1500-1700
82 SS 1500-1700

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1022 FORBES FLD MS STATION NAME

63-70,74-75 YEARS

FEB MONTH

PAGE 1 1800-2000 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
4 / 63																	.1	.1															2	2						
4 / 61						.1											.1	.1															3	3						
4 / 59					.1							.1	.2																				4	4						
4 / 57				.1				.1				.1	.4																				6	6						
5 / 55		.4				.1	.4	.6	.2	.1																							15	15	1					
4 / 53		.1		.2		.2	.4	.1	.1																								10	10	5	3				
4 / 51		.1	.4	.2	.4	.5	.4	.2																									18	18	1	1				
5 / 49		.4	.1	.1	.7	1.7	.6																										30	30	3	5				
4 / 47			.5	.7	2.1	.6	.1																										33	33	13					
4 / 45		.2	.6	1.1	1.7	.9	.1																										38	38	11	4				
4 / 43		.2	.6	1.3	1.3	.9	.1																										38	38	23	1				
4 / 41		.7	.8	1.9	.8	.6																											41	41	26	6				
4 / 39	.2	2.7	1.4	1.3	1.2	.6																											57	57	59	14				
3 / 37	.2	1.3	1.8	2.1	1.3	.2																											59	59	63	21				
4 / 35		1.4	1.9	2.5	.6	.2																											56	56	55	23				
3 / 33		2.2	3.1	2.2	.6	.1																											70	70	70	34				
4 / 31		2.6	3.0	1.3	1.2																												68	68	74	35				
3 / 29		2.7	2.5	1.7	.5																												62	62	68	62				
4 / 27	.1	2.2	2.2	.8	.2																												48	48	60	62				
4 / 25		1.3	2.4	1.1	.2																												42	42	53	69				
24 / 23		.6	2.8	1.1																													38	38	53	44				
2 / 21	.2	.9	1.4	.8																													29	29	38	71				
4 / 19	.1	1.8	1.2	.1																													27	27	44	69				
1 / 17	.1	1.1	1.3																														21	21	35	54				
1 / 15		.5	.4																														7	7	25	34				
1 / 13		.6	.5																														9	9	10	38				
1 / 11		.7	.1																														7	7	7	35				
1 / 9		.6	.1																														6	6	11	29				
4 / 7		.1																															1	1	6	25				
4 / 5																																				1	25			
4 / 3																																					22			
4 / 1																																					20			
4 / -1																																					13			
4 / -3																																					7			
Element (X)	Σ x ²			Σ x			Σ			σ _x			No. Obs.			Mean No. of Hours with Temperature																								
Ref. Hum.																≤ 0 F							≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

PSYCHROMETRIC SUMMARY

FEB
MON

PAGE 2 1600-2000
HQ-95-1-5-7

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1992-01-01 FORBES FLD KS STATION NAME

63-70.74-75 YEARS

FEB MONTH

PAGE 1 2100-2300 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
57 / 57			.2															2	2																
56 / 55		.4	.4			.2	.4	.1										12	12																
54 / 53						.6	.2											7	7	5	2														
52 / 51			.1			.1	.1											3	3	3	2														
50 / 49			.5	.1	.2	.4	.1											11	11																
48 / 47		.1	.1	.6	.5	.6	.2											18	18	4															
46 / 45		.1	.5	1.3	.7													22	22	5	2														
44 / 43			.8	.7	.6	.1												19	19	13	2														
42 / 41		.9	1.3	2.1	.4	.1												41	41	19	2														
40 / 39	.6	.9	2.4	1.7	1.1													56	56	40	11														
38 / 37	.5	1.7	3.3	1.5	.4													62	62	45	14														
36 / 35	.4	1.7	2.4	2.2	.4													59	59	64	29														
34 / 33	.1	2.8	4.4	2.0	.5													93	93	64	29														
32 / 31	.4	3.3	4.3	1.2	.1													78	78	73	36														
30 / 29		1.9	3.2	.5														47	47	92	67														
28 / 27		4.0	1.8	.7														55	55	74	64														
26 / 25		3.2	2.6	.1														50	50	56	67														
24 / 23		2.8	1.8	.6														44	44	51	56														
22 / 21		2.2	2.1															37	37	50	62														
20 / 19		3.3	2.1	.2														48	48	34	62														
18 / 17	.8	1.4	2.0															36	36	54	50														
16 / 15	.1	1.3	.2															14	14	41	45														
14 / 13		1.4	.5															16	16	16	40														
12 / 11		.7	.1															7	7	17	35														
10 / 9		1.3	.1															12	12	6	40														
8 / 7		.4																3	3	12	31														
6 / 5		.2																2	2	5	24														
4 / 3		.2																2	2	2	20														
2 / 1																				1	11														
0 / -1																					15														
-2 / -3																					4														
-4 / -5																					5														
-6 / -7																					5														
-8 / -9																					4														
Element (X)	Σ x ²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

FFS

YEARS

4.2.2.2. **Model 2**

2100-2300

42, 95, 115, 135, 155, 175, 195, 215, 235, 255, 275, 295, 315, 335, 355, 375, 395, 415, 435, 455, 475, 495, 515, 535, 555, 575, 595, 615, 635, 655, 675, 695, 715, 735, 755, 775, 795, 815, 835, 855, 875, 895, 915, 935, 955, 975, 995, 1015, 1035, 1055, 1075, 1095, 1115, 1135, 1155, 1175, 1195, 1215, 1235, 1255, 1275, 1295, 1315, 1335, 1355, 1375, 1395, 1415, 1435, 1455, 1475, 1495, 1515, 1535, 1555, 1575, 1595, 1615, 1635, 1655, 1675, 1695, 1715, 1735, 1755, 1775, 1795, 1815, 1835, 1855, 1875, 1895, 1915, 1935, 1955, 1975, 1995, 2015, 2035, 2055, 2075, 2095, 2115, 2135, 2155, 2175, 2195, 2215, 2235, 2255, 2275, 2295, 2315, 2335, 2355, 2375, 2395, 2415, 2435, 2455, 2475, 2495, 2515, 2535, 2555, 2575, 2595, 2615, 2635, 2655, 2675, 2695, 2715, 2735, 2755, 2775, 2795, 2815, 2835, 2855, 2875, 2895, 2915, 2935, 2955, 2975, 2995, 3015, 3035, 3055, 3075, 3095, 3115, 3135, 3155, 3175, 3195, 3215, 3235, 3255, 3275, 3295, 3315, 3335, 3355, 3375, 3395, 3415, 3435, 3455, 3475, 3495, 3515, 3535, 3555, 3575, 3595, 3615, 3635, 3655, 3675, 3695, 3715, 3735, 3755, 3775, 3795, 3815, 3835, 3855, 3875, 3895, 3915, 3935, 3955, 3975, 3995, 4015, 4035, 4055, 4075, 4095, 4115, 4135, 4155, 4175, 4195, 4215, 4235, 4255, 4275, 4295, 4315, 4335, 4355, 4375, 4395, 4415, 4435, 4455, 4475, 4495, 4515, 4535, 4555, 4575, 4595, 4615, 4635, 4655, 4675, 4695, 4715, 4735, 4755, 4775, 4795, 4815, 4835, 4855, 4875, 4895, 4915, 4935, 4955, 4975, 4995, 5015, 5035, 5055, 5075, 5095, 5115, 5135, 5155, 5175, 5195, 5215, 5235, 5255, 5275, 5295, 5315, 5335, 5355, 5375, 5395, 5415, 5435, 5455, 5475, 5495, 5515, 5535, 5555, 5575, 5595, 5615, 5635, 5655, 5675, 5695, 5715, 5735, 5755, 5775, 5795, 5815, 5835, 5855, 5875, 5895, 5915, 5935, 5955, 5975, 5995, 6015, 6035, 6055, 6075, 6095, 6115, 6135, 6155, 6175, 6195, 6215, 6235, 6255, 6275, 6295, 6315, 6335, 6355, 6375, 6395, 6415, 6435, 6455, 6475, 6495, 6515, 6535, 6555, 6575, 6595, 6615, 6635, 6655, 6675, 6695, 6715, 6735, 6755, 6775, 6795, 6815, 6835, 6855, 6875, 6895, 6915, 6935, 6955, 6975, 6995, 7015, 7035, 7055, 7075, 7095, 7115, 7135, 7155, 7175, 7195, 7215, 7235, 7255, 7275, 7295, 7315, 7335, 7355, 7375, 7395, 7415, 7435, 7455, 7475, 7495, 7515, 7535, 7555, 7575, 7595, 7615, 7635, 7655, 7675, 7695, 7715, 7735, 7755, 7775, 7795, 7815, 7835, 7855, 7875, 7895, 7915, 7935, 7955, 7975, 7995, 8015, 8035, 8055, 8075, 8095, 8115, 8135, 8155, 8175, 8195, 8215, 8235, 8255, 8275, 8295, 8315, 8335, 8355, 8375, 8395, 8415, 8435, 8455, 8475, 8495, 8515, 8535, 8555, 8575, 8595, 8615, 8635, 8655, 8675, 8695, 8715, 8735, 8755, 8775, 8795, 8815, 8835, 8855, 8875, 8895, 8915, 8935, 8955, 8975, 8995, 9015, 9035, 9055, 9075, 9095, 9115, 9135, 9155, 9175, 9195, 9215, 9235, 9255, 9275, 9295, 9315, 9335, 9355, 9375, 9395, 9415, 9435, 9455, 9475, 9495, 9515, 9535, 9555, 9575, 9595, 9615, 9635, 9655, 9675, 9695, 9715, 9735, 9755, 9775, 9795, 9815, 9835, 9855, 9875, 9895, 9915, 9935, 9955, 9975, 9995, 10015, 10035, 10055, 10075, 10095, 10115, 10135, 10155, 10175, 10195, 10215, 10235, 10255, 10275, 10295, 10315, 10335, 10355, 10375, 10395, 10415, 10435, 10455, 10475, 10495, 10515, 10535, 10555, 10575, 10595, 10615, 10635, 10655, 10675, 10695, 10715, 10735, 10755, 10775, 10795, 10815, 10835, 10855, 10875, 10895, 10915, 10935, 10955, 10975, 10995, 11015, 11035, 11055, 11075, 11095, 11115, 11135, 11155, 11175, 11195, 11215, 11235, 11255, 11275, 11295, 11315, 11335, 11355, 11375, 11395, 11415, 11435, 11455, 11475, 11495, 11515, 11535, 11555, 11575, 11595, 11615, 11635, 11655, 11675, 11695, 11715, 11735, 11755, 11775, 11795, 11815, 11835, 11855, 11875, 11895, 11915, 11935, 11955, 11975, 11995, 12015, 12035, 12055, 12075, 12095, 12115, 12135, 12155, 12175, 12195, 12215, 12235, 12255, 12275, 12295, 12315, 12335, 12355, 12375, 12395, 12415, 12435, 12455, 12475, 12495, 12515, 12535, 12555, 12575, 12595, 12615, 12635, 12655, 12675, 12695, 12715, 12735, 12755, 12775, 12795, 12815, 12835, 12855, 12875, 12895, 12915, 12935, 12955, 12975, 12995, 13015, 13035, 13055, 13075, 13095, 13115, 13135, 13155, 13175, 13195, 13215, 13235, 13255, 13275, 13295, 13315, 1

USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 FORBES FLD KS STATION NAME

63-70,74-75 YEARS

FEB MONTH

PAGE 1

ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31																				
72 / 71												.0						2	2																		
70 / 69												.0	.1					7	7																		
68 / 67												.1						8	8																		
66 / 65												.0	.1					8	8																		
64 / 63												.0	.1	.0				15	15																		
62 / 61				.1		.0	.1	.1	.2	.1								32	32																		
60 / 59			.0	.1		.1	.1	.1	.1	.0								38	38																		
58 / 57		.0	.1	.0	.1	.1	.1	.2	.1	.0								49	49																		
56 / 55		.2	.1	.0	.1	.2	.2	.3	.0									78	78	13																	
54 / 53	.0	.1	.1	.1	.1	.3	.6	.2	.0									98	99	27	16																
52 / 51		.1	.3	.2	.3	.5	.5	.2	.0									145	145	30	14																
50 / 49		.2	.4	.1	.4	.6	.5	.1										161	161	42	27																
48 / 47		.1	.2	.3	.7	.7	.3	.0										147	147	85	9																
46 / 45		.1	.3	.8	.8	.5	.2	.0										181	181	93	28																
44 / 43	.0	.1	.7	.8	.8	.7	.1											222	222	130	23																
42 / 41	.1	.6	.7	1.7	.8	.3												295	295	224	51																
40 / 39	.3	.9	1.4	1.1	.8	.2	.0											314	314	296	82																
38 / 37	.3	1.2	1.9	1.6	.6	.3												390	390	378	141																
36 / 35	.3	1.8	2.3	1.8	.5	.2												470	470	418	194																
34 / 33	.2	2.3	3.1	1.8	.5	.1												542	542	479	189																
32 / 31	.4	3.0	3.1	1.3	.5	.1												560	561	555	272																
30 / 29	.4	3.2	2.2	1.0	.2	.0												477	477	640	453																
28 / 27	.2	3.9	1.7	.9	.1													466	466	583	425																
26 / 25	.0	3.0	2.0	.5	.1													378	378	518	562																
24 / 23	.1	2.1	1.7	.5	.0													296	296	427	509																
22 / 21	.4	1.8	1.3	.3														256	256	346	573																
20 / 19	.2	2.8	1.0	.1														278	278	295	521																
18 / 17	.5	1.9	1.0	.0														236	236	332	380																
16 / 15	.1	1.7	.4	.0														152	152	237	358																
14 / 13	.3	1.6	.2															140	140	177	278																
12 / 11	.1	1.5	.1															121	121	147	296																
10 / 9	.1	1.1	.1															89	89	109	304																
8 / 7	.1	.7	.0															50	50	91	232																
6 / 5	.1	.4																32	32	44	209																
Element (X)	Σx^2					Σx					\bar{x}					σ_x					No. Obs.					Mean No. of Hours with Temperature											
Ref. Hum.																										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

YEARS

FFA

ALL

NO. 95 U. S. V.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
- / 3	.0	.3																20	20	29	192													
- / 1		.1																8	8	15	138													
- / -1	.0	.0																3	3	2	93													
- / -3																				1	50													
-L / -5																					54													
- / -7																					54													
- / -9																					32													
- / -11																					10													
-L / -13																					6													
-L / -15																					7													
-L / -17																					5													
TOTAL	4.1	37.0	26.6	15.0	7.4	5.0	2.6	1.3	.4	.3	.1	.1						6764	6765		6764													
																		6764		6764														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ \text{ F}$	$\leq 32^\circ \text{ F}$	$\approx 67^\circ \text{ F}$	$\approx 73^\circ \text{ F}$	$\approx 80^\circ \text{ F}$	$\approx 93^\circ \text{ F}$	Total
Rel. Hum.	29673750	431508	63.8	17.912	6764							
Dry Bulb	7687018	217064	32.1	11.677	6765	.3	353.9	1.7				672
Wet Bulb	597999	190305	28.1	9.757	6764	.3	451.8					672
Dew Point	3560374	135710	20.1	11.126	6764	30.9	597.1					672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 FORBES FLD KS
STATION STATION NAME

63-70,74-75
YEARS

MAN
MONTH

PAGE 1 0000-2200
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
74 / 73							.1																1	1											
72 / 71						.1	.2																3	3											
70 / 69					.2																		2	2											
68 / 65				.2	.1		.1																4	4											
64 / 63			.1	.2	.6	.1																	10	10											
62 / 61		.1	.2	.5	.3																		11	11											
60 / 59		.9	.2	.6	.1		.2	.1															20	20											
58 / 57	.3	.1	.1				.2		.1														8	8											
56 / 55	.4	.3	.4	.2	.1	.3	.3	.1															21	21											
54 / 53	.1	.3	.2	.6	.2	.4	.1	.3															22	22											
52 / 51		.6	.9	.2	.4	.8	.9																35	35											
50 / 49		.8	.9	.8	.8	.6																	35	35											
48 / 47		1.4	.8	.6	1.0	.2																	37	37											
46 / 45	.1	1.4	.5	1.0	.9	.2																	38	38											
44 / 43	.1	.8	1.8	.5	1.3	.3																	45	45											
42 / 41		1.3	.5	2.0	.8	.1																	44	44											
40 / 39		.9	1.0	1.8	.3																		37	37											
38 / 37		2.3	1.6	1.3	.2																		50	50											
36 / 35	.8	2.4	2.9	1.0	.8																		72	72											
34 / 33	.6	3.0	3.8	1.3	.3																		84	84											
32 / 31		1.7	4.1	.8	.1																		62	62											
30 / 29	.6	3.9	2.4	.5																			69	69											
28 / 27	.1	3.6	1.5	.3																			51	51											
26 / 25		2.4	1.5	.2																			38	38											
24 / 23	.1	2.5	.8	.2																			33	33											
22 / 21	.3	1.3	1.0																				24	24											
20 / 19		1.3	1.3																				24	24											
18 / 17		2.0	.2																				21	21											
16 / 15		1.6	.1																				16	16											
14 / 13		.3																					3	3											
12 / 11		.6																					6	6											
10 / 9																																			
8 / 7	.1	.1																					2	2											
6 / 5	.1																						1	1											
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0000-0200
H285 5.7

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17522 FORBES FLD KS STATION NAME

63-70.74-75 YEARS

MAR
1964

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
7 / 69						.3													3	3																			
6 / 67				.3															3	3																			
4 / 63			.2		.1	.1													4	4																			
4 / 61		.2	.1	.1	.2	.2													4	4		1																	
4 / 59		.5	.3	.2	.4	.1													15	15		7																	
4 / 57		.6	.3	.8															16	16		8																	
5 / 55	.2	.2	.6		.1	.4													15	15		12																	
4 / 53		.3	.2	.1	.1	.4													11	11		22																	
2 / 51	.2	.4	.8	.1	.1	.5	.2												22	22		11																	
5 / 49	.3	1.7	.9	.3	.4	.6	.1												41	41		15																	
4 / 47	.1	1.6	.6	.4	.4	.5													35	35		24																	
4 / 45	.2	1.8	1.2	.4	.3	.2													37	37		43																	
4 / 43	.1	1.4	1.2	1.2	.6	.2													44	44		26																	
2 / 41		.6	1.4	.9	.5														32	32		34																	
4 / 39	.1	1.4	1.2	1.4	.2														40	40		35																	
3 / 37	.1	2.2	1.7	.8	.1														45	45		52																	
2 / 35	.2	2.5	2.8	.2															53	53		39																	
3 / 33	1.1	2.9	2.8	.2															65	65		79																	
2 / 31	.6	3.1	4.4	.6	.1														83	83		75																	
1 / 29	.1	4.5	4.3	.4															87	87		69																	
2 / 27	.3	4.6	2.3																67	67		85																	
2 / 25	.5	2.6	1.6	.4															48	48		85																	
2 / 23	.2	2.3	1.1	.1															34	34		47																	
2 / 21	.3	1.7	1.0																28	28		38																	
1 / 19		1.9	.4																22	22		26																	
1 / 17		2.5	.1																24	24		23																	
1 / 15		2.3																	21	21		28																	
1 / 13		1.2																	11	11		22																	
1 / 11		1.3																	12	12		12																	
1 / 9		.1																	1	1		0																	
1 / 7																																							
1 / 5																																							
1 / 3	.1																		1	1		1																	
1 / 1	.1																		1	1		1																	
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature																							
Rel. Hum.																≤ 0 F						≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

PSYCHROMETRIC SUMMARY

1420	FORBES FLD KS
STATION	STATION NAME

63-70, 74-75

YEARS

PAGE 2

0300-2600
2000-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
/ -1	.1																		1	1	1	4												
- / -3																						2												
-4 / -5																						1												
TOTAL	.2	46.6	31.3	9.0	3.9	3.8	.3													930		930												
																			930		930													
Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	5085982	67524	72.6	14.047	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb	1272462	32594	35.0	11.835	930	.1	44.1	.6				43																						
Wet Bulb	1070168	29842	32.1	11.009	930	.1	52.1					43																						
Dew Point	805831	24809	26.7	12.451	930	.7	66.6					43																						

2

YEARS MAR 2 1964

63-70, 74-75 _____ YEARS

PAGE 2 0600-0300

USAFETAC FORM 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1022 FOMBES FLD MS

63-70,74-75

MAC

UNIT

PAGE 1 0900-1100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dr.	Bulb	Wet Bulb	Dew Point																																																						
7 / 77										.1		.1	.1																			3	3																																												
6 / 75							.1																										1	1																																											
4 / 73							.1	.1		.1																							3	3																																											
2 / 71						.2	.3		.1	.2	.1	.1																					17	10																																											
1 / 69				.2	.3	.4	.4	.2		.1																							16	16																																											
6 / 67				.2	.1	.3	.4	.1	.2	.2																							15	15																																											
6 / 65		.2	.2	.1	.5	.3	.2	.3	.3																								21	21																																											
4 / 63		.1	.1	.4	.4	.2	.6																										18	18																																											
2 / 61			.4	.3	.2	.3	.2	.3	.1	.1																							19	19																																											
1 / 59		.3	.4	.4	.4	.5	.4	.2	.2																								28	28																																											
1 / 57		.3	.2	.2	.5	.5	.4	.1																									22	22																																											
5 / 55		.1	.5	1.0	.5	.6	.4	.1	.1																								32	32																																											
4 / 53			.4	.3	.6	.5	.9	.2																									29	28																																											
2 / 51		.1	.4	.3	1.2	.6	.2	.1																									28	28																																											
1 / 49	.1	.3	.8	.8	.8	1.0	.5	.3																									42	42																																											
4 / 47	.3	.4	.2	.5	1.2	1.0	.1																										35	35																																											
4 / 45		1.3	1.2	1.0	1.6	.6	.1																										54	54																																											
4 / 43	.2	.5	.9	1.4	.9	.3	.1																										40	40																																											
2 / 41		1.3	2.2	1.9	.9	.3																											61	61																																											
4 / 39		.8	1.6	2.6	.2																												48	48																																											
3 / 37	.3	.8	1.2	2.2	.4	.1																											46	46																																											
2 / 35	.1	1.4	2.6	2.2	.6																												64	64																																											
3 / 33	.4	1.4	2.2	1.4	.3																												53	53																																											
2 / 31		1.1	2.3	1.5	.5																												50	50																																											
1 / 29	.1	2.7	1.7	1.0																													51	51																																											
2 / 27		1.2	1.2	1.1																													32	32																																											
1 / 25		1.0	1.5	.2																													25	25																																											
2 / 23		.8	.8	.2																													16	16																																											
2 / 21		.8	1.3																														19	19																																											
1 / 19	.2	.4	1.1	.2																													16	18																																											
1 / 17		1.3	.6																														18	18																																											
1 / 15		.9	.1																														9	9																																											
1 / 13		.1	.3																														4	4																																											
1 / 11																																																																													
Element (X)	Σx^2			Σx			\bar{x}			s_x			No. Obs.			Mean No. of Hours with Temperature																																																													
Rel. Hum.																≤ 0 F										≤ 32 F										≤ 67 F										≤ 73 F										≤ 80 F										≤ 93 F										Total	
Dry Bulb																																																																													
Wet Bulb																																																																													
Dew Point																																																																													

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

0900-1100
12.45 - 1.30

[illegible]

2

4A5

YEARS

12-0-14-
H. J. S. C.

USAFETAC FORM 0-26-3 (OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)
JUN 71

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10021 FORBES FLD KS

63-70, 74-75

445

445

PAGE 1 1520-1700

NO. 45

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
6 / 85																.1																1	1					
4 / 83											.2					.3																5	5					
2 / 81									.1	.5	.1					.2	.2															11	11					
0 / 79								.1	.1	.1	.2	.1	.2																			9	8					
7 / 77						.1		.1		.5	.1		.2	.2																		12	12					
6 / 75						.1	.4	.5	.3		.1	.3	.2																			21	21					
4 / 73					.1	.2	.8	.2	.3	.4	.4	.2	.2																			27	27					
2 / 71							.3	.5	.2	.8	.5	.4	.1																			27	27					
0 / 69				.3		.3	.2	.1	.4	.5	.5	.1																				24	24					
6 / 67				.1	.2	.2	.5	.3		1.0	.2																					24	24					
4 / 65				.3	.1		.2	.4	.6	.9	.5																					29	29					
2 / 63					.5	.6	1.0	.9	1.2	1.0																						48	48					
0 / 61		.1	.1	.2	.3	.3	.5	.4	1.0	.4	.3																					35	35					
6 / 59		.1		.2	1.0		.3	1.0	.6	.1																						31	31					
4 / 57		.1	.2	.2	.2	.2	.4	.8	.2	.2																						24	24					
2 / 55		.6		.2	.4	.6	1.3	.5	.4																							39	39					
0 / 53		.2	.2	.5	1.1	1.2	.6	.3	.3																							42	42					
6 / 51	.2	.3			.3	1.2	1.1	.5																								34	34					
4 / 49	.1	.2	.4	.4	.3	1.5	.8	.3																								38	38					
2 / 47		.2	.3	1.5	1.3	1.5	1.2																									56	56					
0 / 45		.4		.4	1.3	1.1	.4																									34	34					
6 / 43			1.2	.4	1.4	1.0	1.0	.1																								47	47					
4 / 41		.6	.4	1.1	1.5	.5	.4																									43	43					
2 / 39	.2	.2	.3	1.3	2.2	.6	.3																									48	48					
0 / 37	.1	.2	.8	1.6	.6	.1	.1																									33	33					
6 / 35	.2	.4	1.6	1.5	1.6	.3																										53	53					
4 / 33	.3	.8	.5	1.1	1.0																											34	34					
2 / 31		.8	1.3	1.2	.4																											34	34					
0 / 29		.2	.8	1.0																												18	18					
6 / 27		.1	.1	.5																												7	7					
4 / 25	.3	.2	1.0	.3																												17	17					
2 / 23		.5	.6																													11	11					
0 / 21		.3	.3	.4																												10	10					
6 / 19		.3																														3	3					
Element (X)	ΣX					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature							Total					
Rel. Hum.																										$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MAK
MONTH

PAGE 2 1500-1700

[illegible]

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1921 FORBES FLD KS 63-70,74-75 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

PSYCHROMETRIC SUMMARY

YEARS

44-2
MAY 1964

PAGE 2 1000-2000
H2.85-8.7

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 FORBES FLD KS 63-70.74-75 MAY 2100-2300

PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76 / 75							.1											1	1																
74 / 73							.3	.2										5	5																
72 / 71						.1												1	1																
70 / 69				.2	.1				.1									4	4																
68 / 67			.1	.1		.1				.1								4	4																
66 / 65				.4	.2	.1		.2	.2		.1							12	12																
64 / 63			.3	.5	.4	.1		.1	.1	.2								19	19	5															
62 / 61		.1	.4	.2	.2	.1	.2	.1	.1	.2								16	16	7	2														
60 / 59		.8		.6	.3	.1	.1	.8		.1								26	26	12	3														
58 / 57	.1	.2	.6	.3	.1	.3	.1	.2	.1									20	20	16	13														
56 / 55		.8	.4	.4	.8	.3	.3											28	28	14	11														
54 / 53		.3	.5	.9	.5	1.0	.8	.1										38	38	20	16														
52 / 51	.1	.1	1.1	.4	1.2	.9	.3											38	38	20	10														
50 / 49		.3	.5	.6	.9	.9	.1	.1										32	32	17	17														
48 / 47	.2	.6	1.1	.8	.6	1.1	.1	.1										43	43	44	18														
46 / 45		.3	1.0	1.0	1.4	.4	.4											42	42	31	13														
44 / 43		1.3	1.2	1.4	.9	.4												48	48	42	13														
42 / 41		.8	1.1	.5	1.3	.2												36	36	60	25														
40 / 39		1.0	2.2	2.4	.6	.1												58	58	48	31														
38 / 37	.1	1.4	1.8	1.7	1.1	.3												60	60	51	29														
36 / 35	1.1	2.4	3.4	1.5	.2	.2												82	82	76	44														
34 / 33	.1	2.3	3.3	1.5	.1													68	68	79	50														
32 / 31		.9	1.7	1.0	.2													35	35	75	58														
30 / 29	.2	2.6	2.6	1.1	.2													62	62	70	70														
28 / 27		1.7	1.4	.5														34	34	54	55														
26 / 25	.1	1.1	1.6	.4														30	30	52	60														
24 / 23	.1	1.3	1.5	.2														29	29	30	49														
22 / 21		1.0	1.2															20	20	33	64														
20 / 19		1.4	.3															16	16	26	50														
18 / 17		1.4																13	13	23	35														
16 / 15		.2	.2															4	4	14	34														
14 / 13		.1	.1															2	2	2	31														
12 / 11		.1																1	1	3	31														
10 / 9		.2																2	2	3	28														
Element (X)	Σ x²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

446

YEARS

2100-2300

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible]

PSYCHROMETRIC SUMMARY

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ALL

1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 26

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-2-71 STATION FORBES FLD MS STATION NAME

63-70.74-75

YEARS

APR

PAGE 1 0000-0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74 / 73		.1		.2														3	3																
73 / 71		.4	.2		.1	.3												10	10		1														
72 / 69		.1	.6	.2	.3	.3	.1											15	15		5														
71 / 67			1.2		.7	.4	.3	.1										25	25		1														
70 / 65		.4	.8	.9	.7	.1	.1				.1							28	28	10	5														
69 / 63	.2	.4	.4	.7	.4	.2	.2	.1			.1							26	26	19	10														
68 / 61		1.3	.3	.6	.7	.2	.6	.4										37	37	18	18														
67 / 59		.7	.8	.6	.4	.4	.7	.1	.1									31	31	38	11														
66 / 57	.1	1.8	.6	.9	1.6	.9	.4	.2										58	58	27	25														
65 / 55	.2	2.0	.7	1.3	2.6	.4	.2											67	67	35	27														
64 / 53		1.1	1.7	2.0	2.4	.6	.2											72	72	42	35														
63 / 51	.1	2.0	1.6	1.0	2.0	.4	.1											65	65	40	32														
62 / 49	.2	1.8	2.2	1.8	1.3	.7												72	72	72	34														
61 / 47		1.8	1.9	3.2	1.2	.3												76	76	91	39														
60 / 45		1.0	2.1	2.4	.6	.6												60	60	71	39														
59 / 43		2.8	3.0	1.1	.4	.1												67	67	85	48														
58 / 41		1.1	3.2	.7	.6	.1												51	51	81	70														
57 / 39	.3	.7	1.6	.7	.3													32	32	72	74														
56 / 37	.3	.8	1.3	1.1														32	32	50	67														
55 / 35		1.1	1.1	.9														28	28	34	72														
54 / 33		1.4	.4	.4														21	21	39	77														
53 / 31		.4	.9															12	12	30	45														
52 / 29		.2	.1															3	3	19	40														
51 / 27		.2	.1															3	3	7	32														
50 / 25		.3																3	3	5	22														
49 / 23																				2	21														
48 / 21																					19														
47 / 19		.1																1	1		16														
46 / 17		.2																2	2	1	7														
45 / 15																				2															
44 / 11																																			
43 / 9																																			
TOTAL	1.6	24.4	26.9	20.7	16.3	5.9	3.0	1.0	.1		.2							900	900		900														
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total														
Rel. Hum.	4610527		62839		69.8		15.751		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb	2365425		45305		5.3		9.713		900			2.4	5.3	.3																					
Wet Bulb	1945609		41027		45.5		9.156		900			6.6	1.0																						
Dew Point	1562923		36199		40.2		10.908		900			20.5	.6																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 71 | | .2 | .4 | .1 | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 69 | | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 3 | 2 | | | | | | | | | | | | | | |
| 67 | | .4 | 1.4 | | .6 | .1 | | | | | | | | | | | | 23 | 23 | 7 | 4 | | | | | | | | | | | | | | |
| 65 | | | .3 | | .9 | .1 | | | | | | | | | | | | 12 | 12 | 10 | 5 | | | | | | | | | | | | | | |
| 63 | .3 | .7 | .7 | .9 | .7 | .1 | | .1 | | | | | | | | | | 31 | 31 | 16 | 17 | | | | | | | | | | | | | | |
| 61 | .1 | .8 | .2 | .7 | .7 | | .2 | | | | | | | | | | | 24 | 24 | 15 | 15 | | | | | | | | | | | | | | |
| 59 | | .7 | 1.2 | .9 | .1 | .6 | .3 | | | | | | | | | | | 34 | 34 | 30 | 9 | | | | | | | | | | | | | | |
| 57 | .7 | 1.2 | .9 | .8 | 1.0 | .4 | .3 | .1 | .1 | | | | | | | | | 50 | 50 | 26 | 23 | | | | | | | | | | | | | | |
| 55 | .2 | 1.8 | .3 | 1.2 | 1.3 | .8 | | .1 | | | | | | | | | | 52 | 52 | 36 | 21 | | | | | | | | | | | | | | |
| 53 | .2 | 1.9 | 1.0 | 2.3 | .7 | | .2 | | | | | | | | | | | 57 | 57 | 39 | 34 | | | | | | | | | | | | | | |
| 51 | .3 | 1.6 | 1.4 | 1.7 | .9 | .2 | .3 | | | | | | | | | | | 58 | 58 | 34 | 41 | | | | | | | | | | | | | | |
| 49 | .3 | 2.3 | 1.7 | 3.0 | .7 | .3 | | | | | | | | | | | | 75 | 75 | 61 | 31 | | | | | | | | | | | | | | |
| 47 | | 2.0 | 2.3 | 1.9 | 1.0 | .2 | | | | | | | | | | | | 67 | 67 | 69 | 34 | | | | | | | | | | | | | | |
| 45 | | 2.8 | 2.2 | 1.7 | .2 | | | | | | | | | | | | | 62 | 62 | 73 | 36 | | | | | | | | | | | | | | |
| 43 | .2 | 2.6 | 2.2 | 2.0 | .1 | .1 | | | | | | | | | | | | 65 | 65 | 84 | 57 | | | | | | | | | | | | | | |
| 41 | .1 | 2.9 | 3.7 | 1.4 | .6 | | | | | | | | | | | | | 78 | 78 | 65 | 76 | | | | | | | | | | | | | | |
| 39 | .1 | 1.9 | 3.2 | .9 | .1 | | | | | | | | | | | | | 56 | 56 | 86 | 60 | | | | | | | | | | | | | | |
| 37 | .2 | 1.7 | 1.0 | 1.1 | | | | | | | | | | | | | | 36 | 36 | 70 | 87 | | | | | | | | | | | | | | |
| 35 | | 1.3 | 1.7 | 1.0 | | | | | | | | | | | | | | 36 | 36 | 49 | 56 | | | | | | | | | | | | | | |
| 33 | .1 | 1.2 | 1.6 | .8 | | | | | | | | | | | | | | 33 | 33 | 43 | 62 | | | | | | | | | | | | | | |
| 31 | .1 | .9 | 1.0 | | | | | | | | | | | | | | | 18 | 18 | 31 | 56 | | | | | | | | | | | | | | |
| 29 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 31 | 45 | | | | | | | | | | | | | | |
| 27 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 12 | 34 | | | | | | | | | | | | | | |
| 25 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 3 | 36 | | | | | | | | | | | | | | |
| 23 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 21 | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | 2 | 17 | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | | | | | |
| 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 1.1 | 31.1 | 28.9 | 22.4 | 9.6 | 3.0 | 1.2 | .6 | .1 | | | | | | | | | 200 | 200 | 900 | 900 | | | | | | | | | | | | | | |
| Element (X) | Σx² | | Σx | | X̄ | | s² | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 5097046 | | 66480 | | 73.9 | | 14.399 | | 900 | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 217586 | | 43306 | | 48.1 | | 9.826 | | 900 | | | | 3.8 | 3.6 | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 164270 | | 39806 | | 44.2 | | 9.415 | | 900 | | | | 8.9 | 1.0 | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 1525509 | | 35743 | | 39.7 | | 10.858 | | 900 | | | | 23.5 | .6 | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1962 FORBES FLD MS 63-70.74-75 APP
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 74 / 73 | | | .1 | .1 | .1 | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 72 / 71 | | .1 | .7 | | | | | | | | | | | | | | | 7 | 7 | | 1 | | | | | | | | | | | | | | |
| 70 / 69 | | .1 | 1.0 | .1 | .3 | | | | | | | | | | | | | 14 | 14 | | 3 | | | | | | | | | | | | | | |
| 68 / 67 | | .1 | 1.0 | .1 | .2 | | | | .1 | | | | | | | | | 14 | 14 | | 8 | | | | | | | | | | | | | | |
| 66 / 65 | | .2 | .4 | 1.0 | .6 | .1 | | | | | | | | | | | | 21 | 21 | | 13 | | | | | | | | | | | | | | |
| 64 / 63 | .1 | .6 | .6 | .7 | .9 | .2 | | | | | | | | | | | | 27 | 27 | | 13 | | | | | | | | | | | | | | |
| 62 / 61 | .2 | .9 | .6 | .6 | .4 | .2 | .2 | | | | | | | | | | | 28 | 28 | | 15 | | | | | | | | | | | | | | |
| 60 / 59 | .1 | 1.8 | 1.1 | .9 | .8 | .4 | .4 | | | | | | | | | | | 50 | 50 | | 14 | | | | | | | | | | | | | | |
| 58 / 57 | | 1.8 | 1.1 | .9 | 1.2 | .8 | .1 | .1 | | | | | | | | | | 54 | 54 | | 23 | | | | | | | | | | | | | | |
| 56 / 55 | .2 | 2.0 | .3 | .7 | 1.0 | .7 | | | | | | | | | | | | 44 | 44 | | 20 | | | | | | | | | | | | | | |
| 54 / 53 | .2 | 1.9 | 1.2 | 2.0 | .9 | .1 | | | | | | | | | | | | 57 | 57 | | 37 | | | | | | | | | | | | | | |
| 52 / 51 | .2 | 1.8 | 1.8 | 1.6 | .8 | .2 | .2 | | | | | | | | | | | 59 | 59 | | 43 | | | | | | | | | | | | | | |
| 50 / 49 | .2 | 1.6 | 2.7 | 1.6 | .6 | .7 | .1 | | | | | | | | | | | 66 | 66 | | 35 | | | | | | | | | | | | | | |
| 48 / 47 | .1 | 2.7 | 1.9 | 1.9 | .9 | | | | | | | | | | | | | 67 | 67 | | 35 | | | | | | | | | | | | | | |
| 46 / 45 | .1 | 2.4 | 2.3 | 1.9 | .8 | | | | | | | | | | | | | 68 | 68 | | 40 | | | | | | | | | | | | | | |
| 44 / 43 | .1 | 3.7 | 2.1 | 1.6 | .2 | .1 | | | | | | | | | | | | 70 | 70 | | 63 | | | | | | | | | | | | | | |
| 42 / 41 | | 2.8 | 2.9 | 1.4 | .1 | | | | | | | | | | | | | 65 | 65 | | 71 | | | | | | | | | | | | | | |
| 40 / 39 | .1 | 3.0 | 2.4 | .8 | .2 | | | | | | | | | | | | | 59 | 59 | | 67 | | | | | | | | | | | | | | |
| 38 / 37 | .2 | 1.3 | 1.4 | 1.0 | | | | | | | | | | | | | | 36 | 36 | | 73 | | | | | | | | | | | | | | |
| 36 / 35 | | 1.0 | 1.8 | .4 | | | | | | | | | | | | | | 29 | 29 | | 69 | | | | | | | | | | | | | | |
| 34 / 33 | .4 | .8 | .7 | .1 | | | | | | | | | | | | | | 18 | 18 | | 54 | | | | | | | | | | | | | | |
| 32 / 31 | | 1.1 | 1.3 | | | | | | | | | | | | | | | 22 | 22 | | 55 | | | | | | | | | | | | | | |
| 30 / 29 | | .6 | .4 | | | | | | | | | | | | | | | 9 | 9 | | 59 | | | | | | | | | | | | | | |
| 28 / 27 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 27 | | | | | | | | | | | | | | |
| 26 / 25 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 30 | | | | | | | | | | | | | | |
| 24 / 23 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 23 | | | | | | | | | | | | | | |
| 22 / 21 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | 13 | | | | | | | | | | | | | | |
| 20 / 19 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 9 | | | | | | | | | | | | | | |
| 18 / 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 7 | | | | | | | | | | | | | | |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 14 / 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | |
| 12 / 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | |
| 10 / 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 / 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | X̄ | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2

2

AD 2

PAGE 2 0600-2900
0600-2900

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
AF - FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

172 FORBES FLD KS
STATION NAME

63-70, 74-75

APC

PAGE 1 0920-1100

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|-------|------------|-------|-------|----------|-------|-------|------------------------------------|----|-------------|----------|-------------|-----------|-------------|--|-------------|--|-------------|--|-------|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 4 / 63 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 5 / 61 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 6 / 79 | | | | .1 | | .1 | .2 | | | | | .1 | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 7 / 77 | | | .1 | | .4 | .1 | .1 | .3 | .2 | .1 | | | | | | | | 13 | 13 | | | | | | | | | | | | | | | | |
| 8 / 75 | | | | .1 | .2 | .1 | .4 | .3 | | | .1 | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 9 / 73 | | | .2 | .3 | .1 | .4 | .9 | .1 | .3 | .1 | .2 | .1 | | | | | | 26 | 26 | 2 | | | | | | | | | | | | | | | |
| 10 / 71 | | .1 | .4 | .6 | .4 | .1 | .8 | .3 | .2 | .1 | | | | | | | | 28 | 28 | 1 | 2 | | | | | | | | | | | | | | |
| 11 / 69 | | .1 | | .9 | .8 | 1.0 | .2 | .7 | .7 | .3 | | | | | | | | 42 | 42 | 12 | 2 | | | | | | | | | | | | | | |
| 12 / 67 | | | .6 | .9 | .6 | 1.1 | .4 | .4 | .4 | .1 | | | | | | | | 41 | 41 | 12 | 5 | | | | | | | | | | | | | | |
| 13 / 65 | | .3 | .9 | .9 | .8 | .8 | .7 | 1.0 | .2 | .2 | .1 | | | | | | | 51 | 51 | 14 | 10 | | | | | | | | | | | | | | |
| 14 / 63 | | .6 | .6 | .9 | .4 | 1.3 | .3 | 1.1 | .3 | .3 | | | | | | | | 53 | 53 | 30 | 11 | | | | | | | | | | | | | | |
| 15 / 61 | | 1.3 | 1.0 | .8 | .8 | 2.2 | .7 | .4 | .1 | .3 | | | | | | | | 69 | 69 | 45 | 18 | | | | | | | | | | | | | | |
| 16 / 59 | | 1.1 | 1.0 | .6 | 1.2 | 1.7 | 1.0 | .7 | .1 | | | | | | | | | 66 | 66 | 52 | 25 | | | | | | | | | | | | | | |
| 17 / 57 | .1 | 1.3 | .7 | .6 | 1.1 | .9 | 1.1 | .3 | .1 | | | | | | | | | 56 | 56 | 50 | 40 | | | | | | | | | | | | | | |
| 18 / 55 | | 1.2 | .3 | 1.2 | 2.2 | 2.1 | 1.0 | .2 | | | | | | | | | | 75 | 75 | 57 | 41 | | | | | | | | | | | | | | |
| 19 / 53 | .1 | .8 | .6 | .6 | 1.3 | .8 | .7 | | | | | | | | | | | 43 | 43 | 67 | 44 | | | | | | | | | | | | | | |
| 20 / 51 | | .9 | .7 | 1.2 | 1.7 | 1.2 | .4 | | .1 | | | | | | | | | 56 | 56 | 60 | 46 | | | | | | | | | | | | | | |
| 21 / 49 | .3 | .8 | .9 | 1.1 | 1.4 | 1.0 | .3 | | | | | | | | | | | 53 | 53 | 75 | 34 | | | | | | | | | | | | | | |
| 22 / 47 | | .9 | 1.8 | 1.3 | 1.6 | .2 | .2 | | | | | | | | | | | 54 | 54 | 60 | 35 | | | | | | | | | | | | | | |
| 23 / 45 | | 1.6 | 1.2 | .7 | 1.0 | .2 | | | | | | | | | | | | 42 | 42 | 73 | 46 | | | | | | | | | | | | | | |
| 24 / 43 | | .8 | .9 | 1.3 | .3 | .2 | | | | | | | | | | | | 32 | 32 | 82 | 55 | | | | | | | | | | | | | | |
| 25 / 41 | .1 | .7 | .6 | | .2 | | | | | | | | | | | | | 14 | 14 | 68 | 60 | | | | | | | | | | | | | | |
| 26 / 39 | | .8 | .8 | | .3 | | | | | | | | | | | | | 25 | 25 | 31 | 65 | | | | | | | | | | | | | | |
| 27 / 37 | | .3 | .2 | .4 | | | | | | | | | | | | | | 9 | 9 | 37 | 66 | | | | | | | | | | | | | | |
| 28 / 35 | | .2 | .6 | .3 | | | | | | | | | | | | | | 10 | 10 | 19 | 55 | | | | | | | | | | | | | | |
| 29 / 33 | .1 | .4 | .9 | | | | | | | | | | | | | | | 13 | 13 | 16 | 56 | | | | | | | | | | | | | | |
| 30 / 31 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 14 | 41 | | | | | | | | | | | | | | |
| 31 / 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 27 | | | | | | | | | | | | | | |
| 32 / 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 30 | | | | | | | | | | | | | | |
| 33 / 25 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 24 | | | | | | | | | | | | | | |
| 34 / 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 16 | | | | | | | | | | | | | | |
| 35 / 21 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 14 | | | | | | | | | | | | | | |
| 36 / 19 | | | | | | | | | | | | | | | | | | | | | 2 | 10 | | | | | | | | | | | | | |
| 37 / 17 | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | ΣX | | | \bar{X} | | | σ_x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

AD.

[illegible]

63-70, 74-75

STATION NAME

YEARS

APC
MAY 1964

PAGE 1

1200-1400

42. 45. 5. 5. 7.

USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 1250-1400
HOURS 5-10

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
JAFETAC
ATM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-2 FORBES FLD KS
STATION STATION NAME

63-70, 74-75

YEARS

APL
MAY 1964

PAGE 1 1500-1700
HQ 65 S. I.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|--------|--------|--------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 8 / 87 | | | | | | | | | | .1 | .4 | .2 | .1 | .3 | | | | 11 | 11 | | | | | | | | | | | | | | | | |
| 6 / 85 | | | | | | | | .2 | | | .2 | .1 | | .2 | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 4 / 83 | | | | | | | | .1 | .2 | .2 | .4 | .3 | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 2 / 81 | | | | | | | | | .2 | .6 | .3 | .2 | .1 | .3 | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 1 / 79 | | | | | .1 | .1 | .3 | 1.0 | .2 | .6 | .2 | .3 | .2 | | | | | 28 | 28 | | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | .1 | .4 | .3 | .7 | .6 | .3 | .1 | .1 | .3 | .2 | | | | 29 | 29 | | | | | | | | | | | | | | | | |
| 76 / 75 | | | | .2 | 1.0 | .6 | 1.0 | .3 | .2 | .7 | .6 | .3 | .1 | | | | | 45 | 45 | | | | | | | | | | | | | | | | |
| 74 / 73 | | | | .6 | .3 | .8 | .7 | .8 | .6 | .7 | .8 | .7 | | | | | | 52 | 52 | | 1 | | | | | | | | | | | | | | |
| 72 / 71 | | | .1 | .4 | .6 | .2 | 1.1 | .8 | 1.0 | .7 | .8 | .4 | | | | | | 55 | 55 | | 3 | | | | | | | | | | | | | | |
| 7 / 69 | | | .4 | .9 | .4 | .7 | .9 | .9 | 2.1 | 1.2 | .2 | | | | | | | 70 | 70 | | 8 | | | | | | | | | | | | | | |
| 6 / 67 | | | .7 | .6 | .1 | .4 | .8 | 1.3 | .8 | .8 | .3 | | | | | | | 52 | 52 | 27 | | | | | | | | | | | | | | | |
| 66 / 65 | | .2 | .7 | .8 | .2 | .7 | 1.7 | .9 | .7 | .8 | | | | | | | | 59 | 59 | 44 | 11 | | | | | | | | | | | | | | |
| 64 / 63 | .1 | .6 | .4 | 1.2 | .6 | 1.1 | 1.3 | 1.2 | .3 | .4 | | | | | | | | 66 | 66 | 59 | 25 | | | | | | | | | | | | | | |
| 62 / 61 | | .4 | | .3 | .3 | .7 | 1.8 | 1.9 | .4 | .9 | | | | | | | | 61 | 61 | 45 | 16 | | | | | | | | | | | | | | |
| 6 / 59 | | 1.1 | .2 | .1 | .2 | 1.0 | 1.3 | 1.4 | .4 | .6 | | | | | | | | 58 | 58 | 46 | 35 | | | | | | | | | | | | | | |
| 5 / 57 | | .3 | .3 | .6 | .7 | 1.1 | .9 | 1.0 | .4 | | | | | | | | | 48 | 48 | 67 | 31 | | | | | | | | | | | | | | |
| 56 / 55 | | .8 | .8 | .8 | .8 | 1.2 | .6 | .8 | .1 | | | | | | | | | 52 | 52 | 67 | 44 | | | | | | | | | | | | | | |
| 54 / 53 | | 1.2 | .4 | 1.3 | .1 | .7 | .4 | .3 | | | | | | | | | | 41 | 41 | 91 | 37 | | | | | | | | | | | | | | |
| 52 / 51 | | .3 | .6 | 1.0 | 1.8 | .3 | .2 | .2 | | | | | | | | | | 40 | 40 | 93 | 37 | | | | | | | | | | | | | | |
| 5 / 49 | | | .2 | .4 | .4 | .1 | .4 | | | | | | | | | | | 15 | 15 | 75 | 45 | | | | | | | | | | | | | | |
| 4 / 47 | | .4 | .2 | .4 | .2 | .3 | .2 | | | | | | | | | | | 17 | 17 | 68 | 35 | | | | | | | | | | | | | | |
| 46 / 45 | | .4 | .7 | .4 | .3 | .3 | | | | | | | | | | | | 20 | 20 | 73 | 38 | | | | | | | | | | | | | | |
| 44 / 43 | | .6 | .3 | .1 | .9 | | | | | | | | | | | | | 17 | 17 | 43 | 52 | | | | | | | | | | | | | | |
| 42 / 41 | | | .2 | .3 | .1 | | | | | | | | | | | | | 6 | 6 | 33 | 59 | | | | | | | | | | | | | | |
| 4 / 39 | | | .6 | .1 | | | | | | | | | | | | | | 6 | 6 | 15 | 76 | | | | | | | | | | | | | | |
| 3 / 37 | | .2 | .3 | .1 | | | | | | | | | | | | | | 6 | 6 | 16 | 5 | | | | | | | | | | | | | | |
| 36 / 35 | .3 | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 22 | 56 | | | | | | | | | | | | | | |
| 34 / 33 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 51 | | | | | | | | | | | | | | |
| 32 / 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 46 | | | | | | | | | | | | | | |
| 3 / 29 | | | | | | | | | | | | | | | | | | | | | 45 | | | | | | | | | | | | | | |
| 2 / 27 | | | | | | | | | | | | | | | | | | | | | 35 | | | | | | | | | | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 24 / 23 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 15 | | | | | | | | | | | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | |
| Element (X) | Σ x² | | | Σ x | | | Σ | | | Σ x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

AD 2
424-4

PAGE 2 1500-1700
HOURS, S. T.

[illegible]

USAFETAC FORM 0-26-3 OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

2
JL AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 21 FOPBES FLD KS

63-70, 74-75

APP

PAGE 1 1960-2000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|----|--------|------|----------|----------|-----------|----|--------|--|--------|--|--|--|--|--|-------|--|-------|----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 4 / 83 | | | | | | | .2 | | | | .3 | | .1 | | | | | | | | | 6 | 6 | | | | | | | | | | | | | |
| 5 / 81 | | | | | | | | .1 | .1 | | .3 | | .4 | | .1 | | | | | | | 5 | 5 | | | | | | | | | | | | | |
| 6 / 79 | | | | | | | | .1 | .1 | .3 | .1 | .4 | | .1 | | | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 7 / 77 | | | | | .1 | .2 | .2 | .2 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | 11 | 11 | | | | | | | | | | | | | |
| 8 / 75 | | | | .7 | .2 | .1 | .4 | .3 | .1 | .1 | .3 | .2 | | | | | | | | | | 23 | 23 | | | | | | | | | | | | | |
| 9 / 73 | | | | .2 | .3 | .6 | .2 | .3 | .1 | .2 | .6 | | | | | | | | | | | 23 | 23 | | | | | | | | | | | | | |
| 10 / 71 | | | | .4 | .6 | .4 | 1.1 | .2 | .3 | .6 | .1 | .1 | | | | | | | | | | 35 | 35 | | | | | | | | | | | | 3 | |
| 11 / 69 | | | .7 | 1.1 | .7 | .8 | 1.2 | .3 | .4 | .8 | .2 | | | | | | | | | | | 54 | 54 | | | | | | | | | | | | 5 | |
| 12 / 67 | | .3 | 1.0 | .8 | 1.0 | .4 | .3 | 1.2 | 1.1 | .4 | .1 | | | | | | | | | | | 61 | 61 | | | | | | | | | | | | 3 | |
| 13 / 65 | | .4 | 1.1 | .2 | .6 | .1 | .9 | 1.2 | 1.2 | .2 | .1 | | | | | | | | | | | 53 | 53 | | | | | | | | | | | | 10 | |
| 14 / 63 | | .2 | .4 | .1 | .4 | 1.0 | 1.9 | .7 | .9 | | | | | | | | | | | | | 51 | 51 | | | | | | | | | | | | 14 | |
| 15 / 61 | | 1.0 | .8 | .4 | 1.4 | 1.2 | 2.0 | 1.0 | .4 | .2 | | | | | | | | | | | | 77 | 77 | | | | | | | | | | | | 23 | |
| 16 / 59 | | .7 | .7 | .8 | 1.3 | 1.6 | .7 | 1.7 | .4 | | | | | | | | | | | | | 70 | 70 | | | | | | | | | | | | | |
| 17 / 57 | | 1.1 | .3 | .7 | .9 | 1.3 | .8 | .8 | .3 | | | | | | | | | | | | | 56 | 56 | | | | | | | | | | | | 37 | |
| 18 / 55 | | 1.4 | .6 | .8 | 1.3 | 1.4 | 1.0 | .7 | .1 | | | | | | | | | | | | | 66 | 66 | | | | | | | | | | | | 27 | |
| 19 / 53 | .1 | 1.0 | .8 | 1.6 | 1.9 | 1.2 | .7 | .3 | | | | | | | | | | | | | | 68 | 68 | | | | | | | | | | | | 40 | |
| 20 / 51 | | 1.0 | .7 | .9 | 2.2 | .9 | .7 | .3 | | | | | | | | | | | | | | 60 | 60 | | | | | | | | | | | | 39 | |
| 21 / 49 | | .2 | .8 | 1.2 | 1.0 | .9 | .3 | | | | | | | | | | | | | | | 40 | 40 | | | | | | | | | | | | 35 | |
| 22 / 47 | | .3 | .4 | 1.0 | .7 | .4 | | | | | | | | | | | | | | | | 26 | 26 | | | | | | | | | | | | 39 | |
| 23 / 45 | | .7 | 1.0 | .3 | .4 | .4 | | | | | | | | | | | | | | | | 26 | 26 | | | | | | | | | | | | 42 | |
| 24 / 43 | | 1.1 | .4 | .4 | .2 | .3 | | | | | | | | | | | | | | | | 23 | 23 | | | | | | | | | | | | 54 | |
| 25 / 41 | | .3 | .4 | .3 | .3 | .1 | | | | | | | | | | | | | | | | 14 | 14 | | | | | | | | | | | | 53 | |
| 26 / 39 | | | .8 | .4 | .2 | | | | | | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | 71 | |
| 27 / 37 | .1 | .3 | | .3 | | | | | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | 64 | |
| 28 / 35 | .2 | .6 | .1 | | | | | | | | | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | 71 | |
| 29 / 33 | | .1 | .1 | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | 46 | |
| 30 / 31 | | .3 | .1 | | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | 60 | |
| 31 / 29 | | .1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 34 | |
| 32 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 |
| 33 / 25 | | .2 | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | 20 | |
| 34 / 23 | | .1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 14 | |
| 35 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 36 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 37 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Element (X) | Σ x² | | | Σ x | | | x | | | x² | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

APD
MONTH

KJRS, S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
DUFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19420
STATIO

FORBES FLD MS

63-70, 74-75

20

PAGE 1 21-0-2300

[illegible]

PSYCHROMETRIC SUMMARY

AP=

PAGE 2 210J-230

[illegible]

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(JUN 71)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-22-74 FORBES FLD KS

63-70, 74-75

APR
MONTH

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--|----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-----|-------|-----|-----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | .0 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 87 | | | | | | | | | .0 | .0 | .1 | .0 | .1 | .1 | | | | | | | | | | | | | | | | | | | 17 | 17 | | |
| 85 | | | | | | | | .0 | | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | | | | | 10 | 10 | | |
| 83 | | | | | | | .0 | .0 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | | 27 | 27 | | |
| 81 | | | | | | .0 | | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | | | | | | 42 | 42 | | |
| 79 | | | | .0 | .0 | .0 | .0 | .1 | .2 | .1 | .2 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | 66 | 66 | | |
| 77 | | | .0 | .0 | .1 | .2 | .2 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | 90 | 90 | | |
| 75 | | | .0 | .2 | .2 | .2 | .4 | .3 | .1 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | | | | | | 126 | 126 | | |
| 73 | | .0 | .1 | .3 | .2 | .3 | .4 | .2 | .2 | .2 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | 159 | 159 | 7 | |
| 71 | | .1 | .3 | .4 | .3 | .2 | .6 | .3 | .3 | .2 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | 212 | 212 | 19 | 5 |
| 69 | | .1 | .5 | .5 | .4 | .5 | .4 | .3 | .5 | .4 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | 271 | 271 | 42 | 16 |
| 67 | | .1 | 1.0 | .4 | .5 | .4 | .3 | .6 | .5 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | 306 | 306 | 101 | 19 |
| 65 | | .3 | .7 | .7 | .7 | .3 | .7 | .6 | .4 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | 335 | 335 | 171 | 66 |
| 63 | .1 | .6 | .6 | .8 | .5 | .7 | .7 | .6 | .3 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | 362 | 362 | 258 | 106 |
| 61 | .0 | .9 | .4 | .5 | .7 | .8 | .9 | .7 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | 393 | 393 | 271 | 162 |
| 59 | .0 | .9 | .7 | .6 | .7 | 1.0 | .9 | .7 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | 415 | 415 | 328 | 182 |
| 57 | .1 | 1.3 | .6 | .6 | 1.3 | 1.1 | .6 | .4 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | 456 | 456 | 335 | 244 |
| 55 | .1 | 1.4 | .5 | 1.2 | 1.4 | 1.2 | .7 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 466 | 466 | 389 | 264 |
| 53 | .1 | 1.3 | .9 | 1.5 | 1.3 | .7 | .3 | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | 455 | 455 | 479 | 316 |
| 51 | .1 | 1.3 | 1.3 | 1.1 | 1.5 | .5 | .3 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | 451 | 451 | 483 | 306 |
| 49 | .1 | 1.0 | 1.3 | 1.5 | .9 | .6 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | 408 | 408 | 605 | 283 |
| 47 | .0 | 1.1 | 1.4 | 1.6 | .9 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 393 | 393 | 597 | 267 |
| 45 | .0 | 1.4 | 1.3 | 1.3 | .5 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 346 | 346 | 557 | 339 |
| 43 | .0 | 1.8 | 1.4 | 1.0 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 349 | 349 | 598 | 442 |
| 41 | .0 | 1.1 | 1.5 | .8 | .3 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 265 | 265 | 481 | 517 |
| 39 | .1 | .9 | 1.3 | .6 | .2 | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | 222 | 222 | 366 | 569 |
| 37 | .2 | .7 | .7 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 156 | 156 | 337 | 526 |
| 35 | .1 | .6 | .8 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 133 | 133 | 219 | 513 |
| 33 | .1 | .7 | .5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 106 | 106 | 193 | 464 |
| 31 | .0 | .4 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 141 | 390 |
| 29 | .0 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 96 | 314 |
| 27 | .0 | .1 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 39 | 256 |
| 25 | | .2 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 16 | 180 |
| 23 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 19 | 147 |
| Element (X) | Σ x ² | | | Σ x | | | Σ | | | Σ x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ± 0 F ± 32 F ± 67 F ± 73 F ± 80 F ± 93 F | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

172 STATION FORBES FLD KS 63-70,74-75 YEARS APR MONTH

PAGE 2 ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | | TOTAL
Dry Bulb | | TOTAL
Wet Bulb | | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|--|-------------------|--|-------------------|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 31140094 | 451296 | 62.7 | 19.833 | 7194 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | |
| Dry Bulb | 23006230 | 397890 | 55.3 | 11.792 | 7194 | | 14.6 | 132.8 | 53.8 | 13.9 | | 720 |
| Wet Bulb | 17508953 | 348183 | 48.4 | 9.559 | 7194 | | 33.8 | 16.9 | .7 | | | 720 |
| Dew Point | 13170345 | 296963 | 41.3 | 11.260 | 7194 | .1 | 160.6 | 4.1 | | | | 720 |

PSYCHROMETRIC SUMMARY

RAY
4-5-55

PAGE 1 0000-0000
10.00.00.00

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

PSYCHROMETRIC SUMMARY

MAY

PAGE 1 0300-0500
NO. 85-1-1

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17422 FORBES FLD KS

63-7C, 73-74

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0900

U.S. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-------|------|------|------|--------|-------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|------|--------|----------|----------|-----------|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 79 | | | | .2 | | | | | .1 | | | | | | | | | 3 | | 3 | | | | | | | | | | | | | | | |
| 77 | | | .1 | .3 | | | | | | | | | | | | | | 4 | | 4 | | | | | | | | | | | | | | | |
| 75 | | | .1 | .4 | .2 | .2 | | | | | | | | | | | | 9 | | 9 | | | | | | | | | | | | | | | |
| 73 | | .2 | .6 | 1.1 | .4 | .2 | .1 | .1 | | | | | | | | | | 26 | | 26 | | 4 | | | | | | | | | | | | | |
| 71 | | .5 | 1.5 | 1.3 | .3 | .2 | .3 | .1 | | | | | | | | | | 40 | | 40 | | 10 | | | | | | | | | | | | | |
| 69 | | 1.0 | 2.0 | 1.4 | .9 | .2 | .2 | | | | | | | | | | | 53 | | 53 | | 13 | | | | | | | | | | | | | |
| 67 | | .4 | 2.4 | 1.3 | 1.4 | .8 | .1 | | | | | | | | | | | 59 | | 59 | | 20 | | | | | | | | | | | | | |
| 65 | .3 | 1.8 | 2.7 | 1.4 | .4 | .6 | | | | | | | | | | | | 62 | | 62 | | 28 | | | | | | | | | | | | | |
| 63 | .1 | 3.1 | 1.4 | 2.4 | 1.2 | .3 | .1 | | | | | | | | | | | 80 | | 80 | | 44 | | | | | | | | | | | | | |
| 61 | .4 | 2.9 | 2.6 | .5 | 1.1 | .3 | .4 | | | | | | | | | | | 77 | | 77 | | 72 | | | | | | | | | | | | | |
| 59 | .4 | 1.9 | 2.2 | 1.6 | 1.4 | .4 | .1 | | | | | | | | | | | 75 | | 75 | | 62 | | | | | | | | | | | | | |
| 57 | .3 | 4.0 | 1.7 | 1.9 | 1.0 | .5 | | | | | | | | | | | | 68 | | 68 | | 56 | | | | | | | | | | | | | |
| 55 | .4 | 3.3 | 1.8 | 1.4 | .9 | .2 | | | | | | | | | | | | 75 | | 75 | | 65 | | | | | | | | | | | | | |
| 53 | .1 | 2.2 | 2.7 | 1.5 | .6 | .3 | .2 | | | | | | | | | | | 71 | | 71 | | 73 | | | | | | | | | | | | | |
| 51 | .2 | 1.8 | 1.6 | 1.7 | .6 | .3 | | | | | | | | | | | | 59 | | 59 | | 56 | | | | | | | | | | | | | |
| 49 | | .6 | 1.9 | 1.1 | .8 | | | | | | | | | | | | | 41 | | 41 | | 72 | | | | | | | | | | | | | |
| 47 | | 1.3 | 1.0 | .8 | .1 | | | | | | | | | | | | | 29 | | 29 | | 56 | | | | | | | | | | | | | |
| 45 | | .9 | 1.3 | .3 | | | | | | | | | | | | | | 23 | | 23 | | 67 | | | | | | | | | | | | | |
| 43 | .1 | .9 | 1.3 | .2 | | | | | | | | | | | | | | 23 | | 23 | | 42 | | | | | | | | | | | | | |
| 41 | | .6 | .8 | .3 | | .2 | | | | | | | | | | | | 18 | | 18 | | 33 | | | | | | | | | | | | | |
| 39 | .1 | .2 | .4 | | .1 | | | | | | | | | | | | | 8 | | 8 | | 42 | | | | | | | | | | | | | |
| 37 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | | 3 | | 35 | | | | | | | | | | | | | |
| 35 | | | | .1 | | | | | | | | | | | | | | 1 | | 1 | | 29 | | | | | | | | | | | | | |
| 33 | .1 | | .1 | | | | | | | | | | | | | | | 2 | | 2 | | 14 | | | | | | | | | | | | | |
| 31 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | | 10 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | 2 | 4 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 2.7 | 28.0 | 29.7 | 21.4 | 11.4 | 4.9 | 1.6 | .2 | .1 | | | | | | | | | 930 | | 930 | | 930 | | | | | | | | | | | | | |
| Element (X) | Σ x ² | | Σ x | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | |
| Rel. Hum. | 5644565 | | 71361 | | 76.7 | | 13.483 | | 930 | | ± 0 F | | ± 32 F | | ± 67 F | | ± 73 F | | ± 80 F | | ± 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | 3302445 | | 54847 | | 59.0 | | 8.545 | | 930 | | | | .1 | | 19.4 | | 4.2 | | | | | | 93 | | | | | | | | | | | | |
| Wet Bulb | 2860314 | | 50990 | | 54.8 | | 8.341 | | 930 | | | | .6 | | 6.7 | | .4 | | | | | | 93 | | | | | | | | | | | | |
| Dew Point | 2539294 | | 47746 | | 51.3 | | 9.734 | | 930 | | | | 2.6 | | 3.8 | | | | | | | | 93 | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1962 FORBES FLD MS 63-70, 73-74 MAY
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS T.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|------|----------|------------------------------------|-----------|--------|--------|--------|--------|-------|--|--|--|--|-------|---|-------|----|----|----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 8 / 87 | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 6 / 85 | | | | | | .1 | .1 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | |
| 4 / 83 | | | | | | .3 | .2 | .2 | .2 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | |
| 2 / 81 | | | | | .3 | 1.1 | .8 | .3 | .5 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | | |
| 0 / 79 | | | | .3 | 1.3 | 1.2 | .5 | .4 | .1 | .3 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | | | |
| 7 / 77 | | | | .8 | 1.2 | 1.6 | 1.0 | 1.1 | .8 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | 63 | 63 | | | |
| 70 / 75 | | | .4 | 1.4 | 2.0 | 1.2 | 1.2 | .5 | .2 | .5 | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | 2 | | |
| 74 / 73 | | .2 | .5 | 1.5 | 1.5 | 1.2 | 1.2 | .4 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 19 | | |
| 72 / 71 | | .1 | 1.4 | 1.5 | 1.2 | 1.1 | .6 | .9 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 45 | 9 | |
| 7 / 69 | .1 | .3 | 1.1 | 1.2 | 1.3 | .9 | 1.3 | .2 | .4 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 56 | 24 | |
| 6 / 67 | | .5 | 1.6 | 1.5 | .9 | .5 | 1.2 | .6 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 69 | 50 | |
| 66 / 65 | .1 | 1.0 | .6 | 1.5 | 1.2 | 1.4 | .6 | .5 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 79 | 40 | |
| 64 / 63 | | 1.0 | 1.4 | 1.1 | .8 | 1.0 | .9 | .4 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 64 | 92 | 66 | |
| 62 / 61 | .2 | .9 | .5 | .8 | 1.8 | 1.4 | .6 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 74 | 62 | |
| 60 / 59 | .4 | 1.0 | 1.5 | .5 | .8 | 1.5 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 64 | 67 | |
| 58 / 57 | | .9 | .9 | 1.0 | .4 | .9 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 80 | 72 | |
| 56 / 55 | | .8 | .3 | .5 | 1.4 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 62 | 60 | |
| 54 / 53 | | 1.2 | 1.0 | .8 | .9 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 74 | 49 | |
| 52 / 51 | | .8 | .2 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 46 | 58 | |
| 50 / 49 | | .2 | .6 | .5 | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 52 | 63 | |
| 48 / 47 | | .2 | .4 | .4 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 43 | 46 | |
| 46 / 45 | | .4 | .2 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 26 | 53 | |
| 44 / 43 | | .4 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 20 | 42 | |
| 42 / 41 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 15 | 36 | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 34 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 35 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| 26 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 24 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Element (X) | Σ X ² | | | | Σ X | | | | X | | | | °X | | | | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

18720 FORBES FLD KS
STATION STATION NAME

63-70, 73-74

YEARS

MAY
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PAGE 2 0900-1100
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PSYCHROMETRIC SUMMARY

1-2.. FORBES FLD KS

63-70, 73-74

MAY
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PAGE 1 1200-1400

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PSYCHROMETRIC SUMMARY

1,20 FORBES FLD KS
STATION STATION NAME

63-70, 73-74

YEARS

MAY

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PAGE 2 1250-1400

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17520 FORBES FLD MS 63-70, 73-74 MAY
STATION STATION NAME YEARS
PAGE 1 1800-2000
HOURS 0000-2359

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------------|-----|------|-----------|-------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|-----------|----------|----------|-----------|----|----|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 87 | | | | | | | .1 | | .1 | | .1 | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 85 | | | | | | .1 | .2 | | | | .1 | .2 | .1 | .1 | | | | 6 | 8 | | | | | | | | | | | | | | | | |
| 83 | | | | .1 | | .4 | .1 | .2 | .2 | .2 | .1 | .2 | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 81 | | | | | .5 | .3 | 1.0 | .5 | .5 | .3 | .4 | .4 | | | | | | 38 | 38 | | | | | | | | | | | | | | | | |
| 79 | | | .2 | .3 | .9 | .9 | 1.4 | .6 | .6 | .1 | .1 | .2 | | | | | | 50 | 50 | | | | | | | | | | | | | | | | |
| 77 | | | .1 | .5 | .9 | 2.0 | 1.7 | 1.2 | .9 | .3 | .2 | .1 | | | | | | 71 | 71 | | 1 | | | | | | | | | | | | | | |
| 75 | | | .2 | .8 | 1.3 | 1.3 | 1.1 | 1.2 | .5 | .5 | .2 | | | | | | | 66 | 66 | 6 | 1 | | | | | | | | | | | | | | |
| 73 | | .1 | .2 | 1.2 | 1.7 | 1.1 | 1.4 | 1.0 | .5 | .2 | .1 | | | | | | | 70 | 73 | 20 | 3 | | | | | | | | | | | | | | |
| 71 | | | 1.1 | 1.1 | 1.5 | 1.0 | 1.1 | 1.0 | .9 | .1 | .1 | | | | | | | 72 | 72 | 21 | 10 | | | | | | | | | | | | | | |
| 69 | | .2 | .9 | 1.0 | .9 | 2.0 | 1.6 | 1.0 | .6 | .3 | | | | | | | | 79 | 79 | 44 | 17 | | | | | | | | | | | | | | |
| 67 | .1 | .3 | 2.2 | .6 | 1.1 | 1.7 | 1.3 | .5 | .4 | | | | | | | | | 77 | 77 | 73 | 25 | | | | | | | | | | | | | | |
| 65 | .5 | .5 | 1.4 | .9 | 1.2 | .8 | 1.2 | 1.1 | .3 | .1 | | | | | | | | 74 | 74 | 95 | 37 | | | | | | | | | | | | | | |
| 63 | | .3 | 1.2 | .5 | .9 | .8 | 1.1 | 1.2 | .3 | .1 | | | | | | | | 59 | 59 | 89 | 63 | | | | | | | | | | | | | | |
| 61 | .1 | 1.2 | .8 | 1.3 | 1.1 | 1.4 | .6 | .3 | .3 | | | | | | | | | 66 | 66 | 79 | 73 | | | | | | | | | | | | | | |
| 59 | | .3 | .6 | .9 | .4 | .6 | 1.2 | .2 | | | | | | | | | | 40 | 40 | 89 | 74 | | | | | | | | | | | | | | |
| 57 | .1 | .9 | .8 | .3 | .9 | .5 | .4 | .1 | | | | | | | | | | 37 | 37 | 78 | 51 | | | | | | | | | | | | | | |
| 55 | .1 | .2 | .3 | .4 | .5 | .2 | .4 | | | | | | | | | | | 21 | 21 | 73 | 59 | | | | | | | | | | | | | | |
| 53 | | 1.2 | .4 | .4 | .5 | .8 | .3 | | | | | | | | | | | 34 | 34 | 66 | 64 | | | | | | | | | | | | | | |
| 51 | .1 | .4 | .8 | .3 | .6 | .2 | .1 | | | | | | | | | | | 24 | 24 | 55 | 83 | | | | | | | | | | | | | | |
| 49 | .2 | | .4 | .4 | .1 | .1 | | | | | | | | | | | | 12 | 12 | 48 | 50 | | | | | | | | | | | | | | |
| 47 | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 5 | 5 | 33 | 51 | | | | | | | | | | | | | | |
| 45 | .1 | .4 | .3 | | | | | | | | | | | | | | | 8 | 8 | 32 | 37 | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | 15 | 54 | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | 8 | 35 | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | 3 | 35 | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | | 1 | 39 | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | ΣX | | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MAY

PAGE 2 1870-2700

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1020 FORBES FLD KS

63-70, 73-74

4A

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|--------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew P. | | | | | | | | | | | | | |
| L / 95 | | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| / 91 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | 6 | 8 | | | | | | | | | | | | | | |
| / 89 | | | | | | | .0 | .0 | .0 | .0 | .0 | .1 | .0 | .0 | .0 | | | | 25 | 25 | | | | | | | | | | | | | | |
| 8 / 87 | | | | | | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | | | | 56 | 56 | | | | | | | | | | | | | | |
| t / 85 | | | | | | .1 | .2 | .4 | .2 | .1 | .2 | .1 | .1 | .0 | | | | | 112 | 112 | | | | | | | | | | | | | | |
| 4 / 83 | | | | .0 | .1 | .3 | .4 | .5 | .3 | .3 | .2 | .2 | .1 | .0 | | | | | 177 | 177 | | | | | | | | | | | | | | |
| / 81 | | | | | .2 | .4 | .6 | .4 | .3 | .2 | .2 | .2 | .0 | | | | | | 192 | 192 | | | | | | | | | | | | | | |
| / 79 | | | .0 | .2 | .4 | .6 | .6 | .5 | .3 | .3 | .1 | .1 | | | | | | | 235 | 235 | 2 | | | | | | | | | | | | | |
| 7 / 77 | | | .1 | .3 | .5 | .9 | .6 | .4 | .5 | .2 | .2 | .1 | | | | | | | 285 | 285 | 5 | | | | | | | | | | | | | |
| 6 / 75 | | .0 | .2 | .6 | .9 | .7 | .4 | .5 | .4 | .2 | .1 | .0 | | | | | | | 317 | 317 | 32 | | | | | | | | | | | | | |
| 4 / 73 | | .1 | .3 | 1.0 | .9 | .8 | .6 | .5 | .4 | .2 | .1 | | | | | | | | 368 | 368 | 133 | | | | | | | | | | | | | |
| / 71 | | .3 | 1.0 | 1.1 | .9 | .6 | .7 | .6 | .5 | .3 | .0 | | | | | | | | 433 | 433 | 216 | | | | | | | | | | | | | |
| 2 / 69 | .0 | .4 | 1.5 | 1.2 | .9 | .8 | .8 | .4 | .3 | .1 | .0 | | | | | | | | 487 | 487 | 294 | | | | | | | | | | | | | |
| A / 67 | .0 | .7 | 2.1 | 1.1 | 1.0 | .9 | .7 | .4 | .4 | .1 | | | | | | | | | 542 | 542 | 459 | | | | | | | | | | | | | |
| 6 / 65 | .3 | 1.2 | 1.4 | 1.2 | .8 | .6 | .5 | .4 | .2 | .1 | | | | | | | | | 501 | 501 | 542 | | | | | | | | | | | | | |
| 4 / 63 | .1 | 1.6 | 1.2 | 1.1 | .8 | .6 | .6 | .5 | .2 | .0 | | | | | | | | | 505 | 505 | 658 | | | | | | | | | | | | | |
| / 61 | .3 | 1.8 | 1.1 | 1.2 | 1.1 | .8 | .5 | .2 | .1 | | | | | | | | | | 530 | 530 | 602 | | | | | | | | | | | | | |
| - / 59 | .2 | 1.5 | 1.2 | 1.2 | 1.0 | .6 | .5 | .1 | | | | | | | | | | | 464 | 464 | 607 | | | | | | | | | | | | | |
| / 57 | .1 | 1.8 | 1.4 | 1.1 | .9 | .6 | .3 | .1 | | | | | | | | | | | 466 | 466 | 563 | | | | | | | | | | | | | |
| 5 / 55 | .2 | 1.7 | 1.0 | 1.0 | .8 | .3 | .2 | .1 | | | | | | | | | | | 395 | 395 | 617 | | | | | | | | | | | | | |
| 4 / 53 | .0 | 1.8 | 1.2 | 1.0 | .8 | .4 | .1 | .0 | | | | | | | | | | | 407 | 407 | 583 | | | | | | | | | | | | | |
| 2 / 51 | .1 | 1.0 | .9 | .7 | .6 | .2 | .0 | | | | | | | | | | | | 261 | 261 | 502 | | | | | | | | | | | | | |
| 5 / 49 | .1 | .4 | 1.0 | .6 | .3 | .1 | .0 | | | | | | | | | | | | 187 | 187 | 430 | | | | | | | | | | | | | |
| - / 47 | | .6 | .6 | .5 | .2 | .0 | | | | | | | | | | | | | 144 | 144 | 347 | | | | | | | | | | | | | |
| 4 / 45 | .1 | .5 | 1.0 | .3 | .1 | .0 | | | | | | | | | | | | | 144 | 144 | 291 | | | | | | | | | | | | | |
| 4 / 43 | .0 | .4 | .6 | .2 | .0 | | | | | | | | | | | | | | 97 | 97 | 215 | | | | | | | | | | | | | |
| -2 / 41 | .0 | .2 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 52 | 52 | 163 | | | | | | | | | | | | | |
| 4 / 39 | .0 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 25 | 25 | 97 | | | | | | | | | | | | | |
| 3 / 37 | | .1 | .0 | .0 | | | | | | | | | | | | | | | 9 | 9 | 45 | | | | | | | | | | | | | |
| 3 / 35 | | .0 | .0 | .0 | | | | | | | | | | | | | | | 6 | 6 | 25 | | | | | | | | | | | | | |
| 34 / 33 | .0 | .0 | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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MAY

YEARS

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ALL
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USAFETAC FORM 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

CLIMAT CLIMATOLOGY BRANCH
OSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1021 FORBES FLD KS
STATION STATION NAME

63-70, 73-74

YEARS

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PAGE 1 3600-0200
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JUN
MONTH

NO. 95 S. T.

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

PSYCHROMETRIC SUMMARY

YEARS

2900-1100

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS - S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 100 / 99 | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | | | | | | | | | | | | | |
| 98 / 97 | | | | | | | | | | | .1 | .4 | .1 | .2 | | | | 3 | 8 | | | | | | | | | | | | | |
| 96 / 95 | | | | | | | | | | .2 | .2 | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 94 / 93 | | | | | | | .1 | .2 | .7 | .9 | .9 | .3 | .2 | .1 | | | | 31 | 31 | | | | | | | | | | | | | |
| 92 / 91 | | | | | | | .8 | .1 | 1.1 | .6 | .2 | | | | | | | 25 | 25 | | | | | | | | | | | | | |
| 90 / 89 | | | | | | .7 | .6 | 1.6 | 2.0 | .7 | .4 | | .2 | | | | | 55 | 55 | | | | | | | | | | | | | |
| 88 / 87 | | | | .3 | .4 | .8 | 1.0 | 2.2 | 1.2 | .6 | 1.0 | .4 | | | | | | 72 | 72 | | | | | | | | | | | | | |
| 86 / 85 | | | | .7 | .2 | 2.0 | 2.0 | 2.2 | 1.6 | 1.1 | .7 | .2 | | | | | | 96 | 96 | | | | | | | | | | | | | |
| 84 / 83 | | | | .1 | .3 | 3.2 | 1.8 | 1.9 | 1.2 | .9 | .4 | .3 | | | | | | 92 | 92 | | | | | | | | | | | | | |
| 82 / 81 | | | | .3 | 1.7 | 2.2 | 2.1 | 1.4 | 1.0 | .6 | .4 | | | | | | | 68 | 88 | 6 | | | | | | | | | | | | |
| 80 / 79 | | | .1 | 1.0 | 2.3 | 2.2 | 1.1 | 1.1 | .8 | 1.2 | .4 | | | | | | | 93 | 93 | 28 | 5 | | | | | | | | | | | |
| 78 / 77 | | | .2 | 1.1 | 1.7 | 1.6 | 1.1 | 1.6 | .4 | .8 | .1 | | | | | | | 77 | 77 | 28 | 13 | | | | | | | | | | | |
| 76 / 75 | | | .4 | 1.0 | 1.8 | 1.0 | .6 | 1.7 | .4 | | | | | | | | | 62 | 62 | 88 | 16 | | | | | | | | | | | |
| 74 / 73 | | | .3 | .9 | 1.2 | 1.0 | 1.2 | 1.0 | .7 | .2 | | | | | | | | 59 | 59 | 138 | 22 | | | | | | | | | | | |
| 72 / 71 | | | .8 | .9 | .4 | .8 | .4 | .2 | .1 | .3 | .1 | | | | | | | 37 | 37 | 110 | 42 | | | | | | | | | | | |
| 70 / 69 | | .1 | .7 | .2 | 1.1 | .2 | .6 | .2 | | | | | | | | | | 28 | 28 | 103 | 114 | | | | | | | | | | | |
| 68 / 67 | | .3 | .4 | .7 | .7 | | .3 | .2 | | | | | | | | | | 24 | 24 | 100 | 109 | | | | | | | | | | | |
| 66 / 65 | | .6 | .1 | .2 | .1 | .3 | .1 | .1 | | | | | | | | | | 14 | 14 | 76 | 99 | | | | | | | | | | | |
| 64 / 63 | | .3 | | .6 | | .1 | | | | | | | | | | | | 9 | 9 | 60 | 72 | | | | | | | | | | | |
| 62 / 61 | .1 | .7 | .1 | | | | | | | | | | | | | | | 8 | 8 | 77 | 86 | | | | | | | | | | | |
| 60 / 59 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 37 | 53 | | | | | | | | | | | |
| 58 / 57 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 19 | 68 | | | | | | | | | | | |
| 56 / 55 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 19 | 47 | | | | | | | | | | | |
| 54 / 53 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 47 | | | | | | | | | | | |
| 52 / 51 | | | | | | | | | | | | | | | | | | | | 2 | 33 | | | | | | | | | | | |
| 50 / 49 | | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | |
| 48 / 47 | | | | | | | | | | | | | | | | | | | | | 20 | | | | | | | | | | | |
| 46 / 45 | | | | | | | | | | | | | | | | | | | | | 18 | | | | | | | | | | | |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

1720
STATIO

FORBES FLD KS

63-77, 73-74

JUN
MONTH

PAGE 2

1500-1700
H2-BS-1-5-1

[illegible]

YEARS

ALL

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

YEARS

13420 FORBES FLD MS
STATION STATION NAME

63-70, 73-74

YEARS

— JULY —

PAGE 2

ALL

HOES S. T.

USAFETAC FORM 0-26-3 (OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71)

2

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1

YEARS

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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

AD-A113 226 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81
UNCLASSIFIED USAFETAC/DS-82/008 SBI-AD-F850 140 NL

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FORBES FLD, KANSAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER --ETC(U)
DEC 81

SBI-AD-F850 140

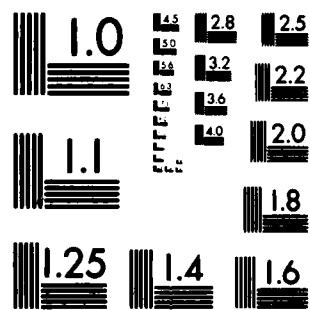
NL

5-6

$$f_{\text{eff}} = 3.1 \times 10^{-4}$$

100

13226



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

1927 FORBES FLD KS

63-70, 73-74

JUL

0600-0800
HOURS

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 FORBES FLD KS
STATION

63-70, 73-74

JUL
MONTH

PAGE 1 09CO-1100
NO. 85 S. T.

[illegible]

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1420
STATION

FORBES FLD KS
STATION NAME

63-70,73-74
YEARS

JUL
MONTH

PAGE 1 1800-2200
HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|--------------|-------------------------------------|-----|-------|------|------|------|--------|-------|-------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 104/103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | |
| 102/101 | | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | | | |
| 100/99 | | | | | | | | | | | | | .2 | .2 | .1 | .1 | .1 | 7 | 7 | | | | |
| 098/97 | | | | | | | | | | .1 | .1 | | .3 | .6 | .1 | | | 12 | 12 | | | | |
| 096/95 | | | | | | | | | | .2 | .3 | .4 | .4 | .5 | .1 | | | 19 | 19 | | | | |
| 094/93 | | | | | | | .1 | .4 | .8 | .3 | .8 | .8 | .3 | | | | | 32 | 32 | | | | |
| 092/91 | | | | | | .1 | .4 | 1.4 | 1.4 | .9 | 1.0 | .6 | .2 | .1 | | | | 57 | 57 | | | | |
| 090/89 | | | | | .5 | .8 | 1.3 | 1.9 | 1.7 | 1.1 | .5 | .5 | .2 | | | | | 80 | 80 | | | | |
| 088/87 | | | | .2 | .3 | 1.2 | 2.8 | 2.7 | 1.0 | .9 | .8 | .3 | | .1 | | | | 95 | 95 | | | | |
| 086/85 | | | .1 | .2 | .9 | 4.8 | 1.9 | 1.4 | 1.1 | .5 | .4 | .1 | .1 | | | | | 108 | 108 | | | | |
| 084/83 | | | | .9 | 2.2 | 2.6 | 1.2 | 1.7 | 1.0 | .3 | .1 | | | | | | | 91 | 91 | | | | |
| 082/81 | | | .3 | 1.4 | 2.4 | 2.3 | 1.3 | 1.3 | .4 | .3 | | | | | | | | 90 | 90 | 12 | | | |
| 080/79 | | .5 | 2.7 | 2.4 | 1.8 | 1.2 | 1.4 | .5 | .2 | .1 | | | | | | | | 101 | 101 | 27 | 7 | | |
| 78/77 | | .5 | .6 | 1.6 | 1.3 | 1.3 | 1.2 | .1 | .2 | .1 | | | | | | | | 65 | 65 | 88 | 11 | | |
| 76/75 | | 1.1 | 1.1 | 1.1 | 1.8 | 1.0 | .4 | 1.0 | .1 | | | | | | | | | 70 | 70 | 170 | 36 | | |
| 74/73 | | .2 | .9 | .6 | .6 | .8 | .6 | .1 | .2 | | | | | | | | | 38 | 38 | 169 | 82 | | |
| 72/71 | | .1 | .4 | .4 | .5 | .3 | .3 | .2 | | | | | | | | | | 22 | 22 | 128 | 145 | | |
| 70/69 | | .3 | .5 | .4 | .4 | .5 | | | | | | | | | | | | 21 | 21 | 104 | 113 | | |
| 68/67 | | .1 | .3 | .5 | .1 | | .1 | | | | | | | | | | | 11 | 11 | 91 | 95 | | |
| 66/65 | | | .2 | .2 | .2 | .1 | | | | | | | | | | | | 7 | 7 | 55 | 63 | | |
| 64/63 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 42 | 61 | | |
| 62/61 | | | | | | | | | | | | | | | | | | | | 26 | 64 | | |
| 60/59 | | | | | | | | | | | | | | | | | | | | 13 | 73 | | |
| 58/57 | | | | | | | | | | | | | | | | | | | | 4 | 42 | | |
| 56/55 | | | | | | | | | | | | | | | | | | | | 1 | 35 | | |
| 54/53 | | | | | | | | | | | | | | | | | | | | | 33 | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | | 7 | | |
| 46/45 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| 44/43 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | .1 | 2.4 | 5.1 | 10.3 | 13.5 | 17.5 | 12.9 | 13.7 | 8.4 | 4.9 | 4.1 | 2.8 | 1.8 | 1.6 | .3 | .3 | .2 | 930 | 930 | 930 | 930 | | |
| | | | | | | | | | | | | | | | | | 930 | | 930 | | | | |
| Element (X) | Σx² | | Σx | | Σ | | Σ | | Σ | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | |
| Rel. Hum. | 3353454 | | 54022 | | 58.1 | | 15.228 | | 930 | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total |
| Dry Bulb | 6462828 | | 77258 | | 83.1 | | 6.942 | | 930 | | | | | | 92.2 | | 86.8 | | 65.1 | | 7.3 | | 93 |
| Wet Bulb | 4796492 | | 66640 | | 71.7 | | 4.793 | | 930 | | | | | | 78.9 | | 46.6 | | 2.3 | | | | 93 |
| Dew Point | 4073817 | | 61239 | | 65.8 | | 6.670 | | 930 | | | | | | 48.9 | | 13.6 | | | | | | 93 |

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 JUL MONTH 2100-2300 HOURS S T

USAFETAC FORM 0-26-3 'OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13923
STATION

FORBES FLD MS
STATION NAME

63-70,73-74
YEARS

JUL
MONTH

PAGE 1

ALL
HOURS U.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 104/105 | | | | | | | | | | | | | .0 | | | | .0 | 4 | 4 | | | | | | | | |
| 104/103 | | | | | | | | | | | | .0 | .0 | .0 | .1 | .0 | .1 | 17 | 17 | | | | | | | | |
| 102/101 | | | | | | | | | | | | .1 | .1 | .1 | .1 | .1 | .0 | 37 | 37 | | | | | | | | |
| 100/99 | | | | | | | | | | | .1 | .1 | .2 | .2 | .3 | .1 | .0 | 78 | 78 | | | | | | | | |
| 98/97 | | | | | | | | | | .1 | .2 | .2 | .3 | .3 | .2 | .0 | | 107 | 107 | | | | | | | | |
| 96/95 | | | | | | | | .1 | .2 | .6 | .4 | .4 | .3 | .1 | .1 | | | 161 | 161 | | | | | | | | |
| 94/93 | | | | | | | .0 | .4 | .7 | .5 | .6 | .5 | .1 | .0 | .0 | | | 217 | 217 | | | | | | | | |
| 92/91 | | | | | | .1 | .3 | .7 | .8 | .8 | .6 | .2 | .2 | .1 | | | | 289 | 289 | | | | | | | | |
| 90/89 | | | | | .1 | .3 | .8 | 1.3 | .9 | .5 | .4 | .3 | .1 | .1 | | | | 353 | 353 | | | | | | | | |
| 88/87 | | | .0 | .1 | .7 | 1.3 | 1.3 | .5 | .4 | .4 | .1 | .0 | .0 | | | | | 362 | 362 | | | | | | | | |
| 86/85 | | | .0 | .0 | .4 | 1.9 | 1.3 | 1.0 | .6 | .3 | .3 | .1 | .0 | | | | | 437 | 438 | | | | | | | | |
| 84/83 | | | .0 | .6 | 1.3 | 1.3 | 1.0 | 1.1 | .6 | .3 | .1 | .0 | .0 | | | | | 470 | 470 | | | | | | | | |
| 82/81 | | .1 | 1.0 | 1.7 | 1.3 | 1.3 | 1.2 | 1.1 | .5 | .2 | .1 | .0 | | | | | | 539 | 539 | 43 | | | | | | | |
| 80/79 | .0 | .7 | 2.0 | 1.7 | 1.6 | .9 | .8 | .4 | .2 | .1 | .0 | | | | | | | 624 | 624 | 151 | 10 | | | | | | |
| 78/77 | | .3 | 1.8 | 1.9 | 1.6 | 1.3 | .7 | .4 | .2 | .0 | | | | | | | | 615 | 615 | 435 | 35 | | | | | | |
| 76/75 | .0 | 1.1 | 2.5 | 1.8 | 1.5 | .6 | .4 | .3 | .1 | | | | | | | | | 625 | 625 | 681 | 166 | | | | | | |
| 74/73 | .1 | 1.5 | 2.5 | 1.9 | .8 | .6 | .5 | .1 | .1 | | | | | | | | | 597 | 597 | 1147 | 494 | | | | | | |
| 72/71 | .1 | 2.3 | 2.4 | 1.4 | .9 | .3 | .2 | .1 | | | | | | | | | | 582 | 583 | 1091 | 903 | | | | | | |
| 70/69 | .2 | 1.6 | 2.2 | 1.2 | .6 | .4 | .1 | | | | | | | | | | | 460 | 460 | 971 | 1010 | | | | | | |
| 68/67 | .1 | 1.1 | 1.9 | .7 | .3 | .1 | .0 | | | | | | | | | | | 316 | 316 | 908 | 1013 | | | | | | |
| 66/65 | .0 | .7 | 1.4 | .6 | .3 | .0 | | | | | | | | | | | | 225 | 225 | 601 | 791 | | | | | | |
| 64/63 | .1 | .5 | .4 | .6 | .1 | .0 | | | | | | | | | | | | 121 | 121 | 492 | 691 | | | | | | |
| 62/61 | | .3 | .4 | .3 | .1 | | | | | | | | | | | | | 87 | 87 | 290 | 642 | | | | | | |
| 60/59 | | .3 | .3 | .1 | .0 | | | | | | | | | | | | | 54 | 54 | 192 | 524 | | | | | | |
| 58/57 | | .2 | .2 | .0 | | | | | | | | | | | | | | 36 | 36 | 125 | 350 | | | | | | |
| 56/55 | .0 | .1 | .1 | | | | | | | | | | | | | | | 17 | 17 | 63 | 322 | | | | | | |
| 54/53 | .0 | .1 | .0 | | | | | | | | | | | | | | | 8 | 8 | 35 | 215 | | | | | | |
| 52/51 | | | | | | | | | | | | | | | | | | | | 13 | 165 | | | | | | |
| 50/49 | | | | | | | | | | | | | | | | | | | | | 69 | | | | | | |
| 48/47 | | | | | | | | | | | | | | | | | | | | | 35 | | | | | | |
| 46/45 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | |
| 44/43 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | |
| 42/41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 2

ALL
HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

AUG
1951

PAGE 1 0600-0900
H2RS 5.7

USAFETAC FORM 0-26-3 OL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1962 FORBES FLD KS

63-70, 73-74

AUG
MONTH

PAGE 1 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|-------|------|------|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-----|-------|-----|-----|----|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 12/101 | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 10/99 | | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 8/97 | | | | | | | | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 6/95 | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 4/93 | | | | | | | | | | .2 | .2 | .1 | .2 | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | |
| 2/91 | | | | | | | .1 | .1 | .2 | .5 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | 13 | 13 | | | |
| 1/89 | | | | | | .4 | 1.0 | .5 | .9 | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | | |
| 8/87 | | | | | .2 | 1.1 | 1.0 | 1.0 | .8 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | | | | 47 | 47 | | | |
| 6/85 | | | | .2 | 1.1 | 2.4 | 1.1 | 1.4 | .9 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | | | |
| 4/83 | | | | .8 | 2.0 | 2.4 | 1.4 | 1.4 | .5 | .4 | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 1 | | |
| 2/81 | | | .5 | .8 | 1.8 | 1.4 | 1.7 | 1.3 | 1.0 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | 82 | 82 | | | |
| 1/79 | | | 1.0 | 1.3 | 2.0 | 2.0 | 1.3 | .9 | .6 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | 87 | 87 | 18 | | |
| 7/77 | | .1 | 1.3 | 1.9 | 2.2 | 2.4 | 2.0 | 1.1 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | 105 | 105 | 56 | 6 | |
| 6/75 | | .5 | .5 | 1.2 | 2.5 | 1.2 | .9 | .5 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 80 | 28 | |
| 4/73 | .2 | 1.6 | 1.9 | 2.4 | 1.1 | 1.2 | .8 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | 126 | 72 | |
| 2/71 | .4 | 2.3 | 1.0 | 1.7 | .8 | 1.0 | .6 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | 118 | 79 | |
| 1/69 | .2 | 1.3 | 1.0 | .8 | 1.2 | .9 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 129 | 109 | |
| 6/67 | .1 | .6 | 1.2 | .8 | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 117 | 100 | |
| 6/65 | .3 | .6 | .8 | .3 | .5 | .1 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 95 | 94 | |
| 4/63 | .1 | 1.5 | .4 | .1 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 60 | 93 | |
| 2/61 | .2 | 1.1 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 57 | 95 | |
| 1/59 | | .5 | | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 38 | 77 | |
| 5/57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 56 |
| 5/55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 49 |
| 4/53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 27 |
| 2/51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 5/49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1.6 | 10.2 | 9.8 | 12.3 | 16.2 | 17.0 | 12.6 | 8.6 | 5.7 | 3.8 | 1.5 | .6 | .1 | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | 95 | |
| Element (X) | Σ X ² | | Σ X | | X | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 4237447 | | 61029 | | 65.6 | | 15.822 | | 930 | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 5656331 | | 72189 | | 77.6 | | 7.541 | | 930 | | | | 85.3 | 69.4 | 39.1 | 1.5 | 9 | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 4462590 | | 64216 | | 69.0 | | 5.540 | | 930 | | | | 64.5 | 28.1 | .7 | | 9 | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 3901080 | | 59900 | | 64.4 | | 6.804 | | 930 | | | | 39.4 | 10.6 | | | 9 | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1120 FORBES FLD KS 63-70, 73-74

AUG
MONTH

PAGE 1 1270-1400
HOURS U.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|----|------|------|----------|----------|-----------|--------|--|--|--------|--|--|--------|--|--|--------|----|-------|--------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 11/105 | | | | | | | | | | | | | | | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | |
| 11/103 | | | | | | | | | | | | | | .2 | .1 | .2 | .1 | | | | | | | | | | | | | | | 6 | 6 | | | | | | | |
| 12/101 | | | | | | | | | | | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | 5 | 5 | | | | | | | |
| 10/99 | | | | | | | | | | | .2 | .2 | .1 | .4 | .1 | .1 | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | |
| 8/97 | | | | | | | | | .1 | .2 | | .6 | .5 | .2 | .1 | | | | | | | | | | | | | | | | | 17 | 17 | | | | | | | |
| 6/95 | | | | | | | | .2 | .3 | .2 | .5 | .4 | .6 | .1 | | | | | | | | | | | | | | | | | | 23 | 23 | | | | | | | |
| 4/93 | | | | | | | | 1.1 | .3 | .9 | .6 | .6 | .8 | .1 | | | | | | | | | | | | | | | | | | 41 | 41 | | | | | | | |
| 2/91 | | | | | | .1 | 1.9 | 1.1 | 1.1 | .8 | 1.0 | 1.1 | .1 | .1 | | | | | | | | | | | | | | | | | | 67 | 67 | | | | | | | |
| 1/89 | | | | | .4 | 1.4 | 1.4 | 1.8 | .6 | 1.5 | 1.2 | .4 | .1 | | | | | | | | | | | | | | | | | | | 83 | 83 | | | | | | | |
| 8/87 | | | | | .6 | .5 | 1.8 | 2.0 | 1.1 | 1.3 | .9 | .3 | | | | | | | | | | | | | | | | | | | | 80 | 80 | | | | | | | |
| 6/85 | | | | .3 | .5 | 1.6 | 1.6 | 1.7 | 1.5 | 1.5 | 1.0 | .3 | | | | | | | | | | | | | | | | | | | | 94 | 94 | | | | | | | |
| 4/83 | | | | .6 | .4 | 2.0 | 1.1 | 2.5 | 1.0 | 1.6 | .3 | .1 | | | | | | | | | | | | | | | | | | | | 90 | 90 | | | | | | | |
| 2/81 | | .1 | | .4 | .9 | 1.1 | 1.6 | 1.2 | 1.7 | 1.2 | .1 | | .1 | | | | | | | | | | | | | | | | | | | 73 | 78 | 11 | | | | | | |
| 1/79 | | | .8 | 1.2 | 1.8 | 1.4 | .6 | 1.3 | .8 | .3 | .1 | .1 | | | | | | | | | | | | | | | | | | | | 78 | 78 | 72 | 3 | | | | | |
| 7/77 | | .1 | .5 | .9 | 1.4 | .3 | 1.1 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | 51 | 51 | 63 | 16 | | | | | |
| 76/75 | | .5 | .5 | 1.0 | .9 | .8 | .2 | .8 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | | 47 | 47 | 101 | 59 | | | | | |
| 74/73 | | .8 | .9 | .9 | .1 | .5 | 1.3 | .3 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 117 | 54 | | | | | |
| 72/71 | | .3 | .2 | .4 | .9 | .3 | .6 | .2 | | .1 | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | 133 | 54 | | | | | |
| 7/69 | .1 | .1 | .4 | .5 | .3 | .5 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 130 | 103 | | | | | |
| 6/67 | .2 | .2 | 1.2 | .2 | | .3 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 69 | 95 | | | | | |
| 16/65 | | .1 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 91 | 82 | | | | | |
| 14/63 | .2 | 1.0 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 52 | 67 | | | | | |
| 12/61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 74 | | | | | |
| 1/59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 82 | | | | | | |
| 5/57 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 13 | 71 | | | | | |
| 5/55 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 6 | 43 | | | | | |
| 4/53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 44 | | | | | |
| 2/51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | | | | | |
| 5/49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | | | | |
| 4/47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| 4/45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 14/43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| 42/41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 40/39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| Element (X) | Σ X' | | | Σ X | | | X | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | | | | | | ≤ 32 F | | | ≤ 67 F | | | ≤ 73 F | | | ≤ 80 F | | | ≤ 93 F | | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720
STATION

FORBES FLD KS

STATION NAME

63-70, 73-74

YEARS

AU

PAGE 2 1200-1400
#3, 95, 10, 5, 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 FORBES FLD KS

63-70, 73-74

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS U.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|------|-----------|----------|----------|-----------|----|--|--|--|------------------------------------|--------|--------|--------|--------|--------|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 107 | | | | | | | | | | | | | | | | | .2 | | 2 | 2 | | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | .1 | .2 | .3 | | 6 | 6 | | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | .2 | .2 | .2 | | 6 | 6 | | | | | | | | | | | | | | | | | |
| 101 | | | | | | | | | | | .1 | .2 | .2 | .3 | | | | 8 | 8 | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | .1 | .2 | .3 | .5 | .4 | .3 | .1 | | 19 | 19 | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | .1 | .1 | .5 | .1 | .3 | .3 | | | 14 | 14 | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | .3 | .5 | .3 | .4 | .4 | .1 | 1.0 | | | | 29 | 29 | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | .1 | 1.7 | 1.0 | 1.5 | 1.0 | .8 | 1.2 | .4 | | | | 71 | 71 | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | .2 | 2.6 | 1.0 | 1.3 | 1.2 | 1.3 | .9 | .4 | .1 | | | | 83 | 83 | | | | | | | | | | | | | | | | | | |
| 89 | | | | | .1 | 1.1 | .8 | .9 | 1.0 | .6 | 1.2 | .4 | .2 | | | | | 58 | 58 | | | | | | | | | | | | | | | | | | |
| 87 | | | | | .1 | 1.1 | 1.9 | 1.2 | 1.2 | .9 | 1.0 | .3 | | | | | | 71 | 71 | | | | | | | | | | | | | | | | | | |
| 85 | | | | .1 | .6 | 1.5 | 1.2 | 2.4 | 1.7 | 1.6 | 2.0 | .4 | | | | | | 108 | 108 | | | | | | | | | | | | | | | | | | |
| 83 | | | .1 | .4 | .6 | 1.7 | 1.1 | 2.2 | 1.5 | 1.5 | .5 | .2 | | | | | | 92 | 92 | | | | | | | | | | | | | | | | | | |
| 81 | | | .1 | .5 | 1.3 | 2.0 | 1.1 | 1.9 | 1.8 | .4 | .4 | | .3 | | | | | 93 | 93 | 15 | | | | | | | | | | | | | | | | | |
| 79 | | | .1 | .6 | 1.2 | .8 | .3 | 1.0 | .1 | .2 | | | | | | | | 40 | 40 | 74 | | | | | | | | | | | | | | | | | |
| 77 | | | | 1.1 | .9 | .9 | 1.2 | .4 | .4 | .3 | | .1 | | | | | | 52 | 52 | 65 | 16 | | | | | | | | | | | | | | | | |
| 75 | | .2 | .9 | 1.0 | .8 | .2 | 1.1 | 1.1 | .3 | .2 | .4 | | | | | | | 57 | 57 | 102 | 50 | | | | | | | | | | | | | | | | |
| 73 | | .4 | .1 | .9 | .3 | .6 | .5 | .6 | | .1 | | | | | | | | 34 | 34 | 112 | 57 | | | | | | | | | | | | | | | | |
| 71 | .1 | | .3 | .3 | 1.0 | .8 | .3 | | .1 | | | | | | | | | 27 | 27 | 134 | 60 | | | | | | | | | | | | | | | | |
| 69 | .1 | .2 | .5 | .4 | .4 | | .1 | .1 | .1 | | | | | | | | | 19 | 19 | 111 | 86 | | | | | | | | | | | | | | | | |
| 67 | | .4 | .5 | .2 | .1 | .2 | | .1 | | | | | | | | | | 15 | 15 | 99 | 87 | | | | | | | | | | | | | | | | |
| 65 | | .2 | .6 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | 87 | 90 | | | | | | | | | | | | | | | | |
| 63 | | .6 | .3 | | | | | | | | | | | | | | | 9 | 9 | 47 | 70 | | | | | | | | | | | | | | | | |
| 61 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 46 | 77 | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | 19 | 90 | | | | | | | | | | | | | | | | |
| 57 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 87 | | | | | | | | | | | | | | | | |
| 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 47 | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | 2 | 50 | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2

1

YEARS

AUG
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PAGE 2 1500-1700
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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 73)

2

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3

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USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

63-70, 73-74

AUG

STATION

STATION NAME

YEARS

4. 3. 2.

PAGE 1 2175-2300
NO. 15, 1957

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

1-2. FORBES FLD MS

63-70, 73-74

AU 3

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|-----|-----------|----------|----------|-----------|--------|--|--------|--|--------|--|-------|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 107 | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | .0 | .1 | .0 | | 10 | 10 | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | .0 | .0 | .1 | .0 | | 12 | 12 | | | | | | | | | | | | | | | | |
| 101 | | | | | | | | | | | .0 | .1 | .1 | .1 | .0 | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | | 35 | 35 | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | .0 | .1 | .0 | .2 | .1 | .1 | .1 | | | 38 | 38 | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | .1 | .1 | .1 | .2 | .1 | .1 | .2 | | | | 63 | 63 | | | | | | | | | | | | | | | | |
| 93 | | | | | | | .0 | .4 | .2 | .3 | .3 | .2 | .2 | .1 | | | | 128 | 128 | | | | | | | | | | | | | | | | |
| 91 | | | | | | .1 | .6 | .3 | .4 | .3 | .4 | .3 | .1 | .0 | | | | 182 | 182 | | | | | | | | | | | | | | | | |
| 89 | | | | | .1 | .4 | .5 | .5 | .4 | .4 | .4 | .2 | .0 | | | | | 218 | 218 | | | | | | | | | | | | | | | | |
| 87 | | | | .0 | .1 | .4 | .7 | .7 | .5 | .5 | .3 | .1 | | | | | | 240 | 240 | | | | | | | | | | | | | | | | |
| 85 | | | | .1 | .4 | 1.0 | .7 | .9 | .7 | .5 | .4 | .1 | | | | | | 363 | 363 | | | | | | | | | | | | | | | | |
| 83 | | | .1 | .4 | .7 | 1.1 | .8 | 1.2 | .7 | .5 | .1 | .1 | | | | | | 410 | 410 | | 1 | | | | | | | | | | | | | | |
| 81 | | .0 | .3 | .6 | 1.0 | .9 | 1.2 | .8 | .7 | .3 | .1 | | .1 | | | | | 442 | 442 | 32 | | | | | | | | | | | | | | | |
| 79 | | .1 | .7 | 1.1 | 1.3 | 1.3 | .7 | .7 | .3 | .1 | .0 | .0 | .0 | | | | | 476 | 476 | 187 | 4 | | | | | | | | | | | | | | |
| 77 | | .2 | 1.3 | 1.4 | 1.6 | 1.1 | 1.0 | .3 | .1 | .1 | .0 | .0 | | | | | | 541 | 541 | 269 | 62 | | | | | | | | | | | | | | |
| 75 | .0 | .7 | 1.6 | 1.3 | 1.4 | .9 | .6 | .3 | .2 | .0 | .1 | | | | | | | 530 | 530 | 449 | 219 | | | | | | | | | | | | | | |
| 73 | .2 | 1.7 | 1.8 | 2.1 | .8 | 1.0 | .6 | .2 | .1 | .1 | | | | | | | | 628 | 628 | 737 | 328 | | | | | | | | | | | | | | |
| 71 | .6 | 2.3 | 1.8 | 1.3 | 1.3 | .6 | .3 | .1 | .1 | .0 | | | | | | | | 617 | 617 | 863 | 546 | | | | | | | | | | | | | | |
| 69 | .7 | 2.0 | 2.3 | 1.7 | 1.2 | .3 | .1 | .1 | .0 | | | | | | | | | 623 | 623 | 981 | 768 | | | | | | | | | | | | | | |
| 67 | .4 | 1.6 | 3.1 | 1.3 | .5 | .2 | .1 | .1 | | | | | | | | | | 524 | 524 | 856 | 730 | | | | | | | | | | | | | | |
| 65 | .3 | 1.3 | 2.3 | 1.0 | .3 | .0 | .1 | .0 | | | | | | | | | | 398 | 398 | 618 | 746 | | | | | | | | | | | | | | |
| 63 | .1 | 2.3 | 1.5 | .7 | .2 | .1 | .0 | | | | | | | | | | | 366 | 366 | 698 | 737 | | | | | | | | | | | | | | |
| 61 | .1 | 1.7 | .8 | .3 | .1 | .1 | | | | | | | | | | | | 220 | 220 | 582 | 781 | | | | | | | | | | | | | | |
| 59 | .0 | 1.4 | .7 | .1 | .1 | .1 | | | | | | | | | | | | 174 | 174 | 403 | 751 | | | | | | | | | | | | | | |
| 57 | .0 | .7 | .4 | .1 | .0 | | | | | | | | | | | | | 100 | 100 | 252 | 667 | | | | | | | | | | | | | | |
| 55 | | .3 | .2 | .1 | .0 | | | | | | | | | | | | | 46 | 46 | 162 | 403 | | | | | | | | | | | | | | |
| 53 | .1 | .1 | .0 | | | | | | | | | | | | | | | 18 | 18 | 66 | 298 | | | | | | | | | | | | | | |
| 51 | .0 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 45 | 148 | | | | | | | | | | | | | | |
| 49 | .0 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 20 | 63 | | | | | | | | | | | | | | |
| 47 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 9 | 59 | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | 2 | 49 | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | 26 | | | | | | | | | | | | | | |
| Element (X) | ΣX² | | | ΣX | | | Σ | | | Σ² | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

63-70, 73-74

YEARS

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PAGE 2

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HOAS S. I.

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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(JUN 71)

PSYCHROMETRIC SUMMARY

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JUN 71

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

172. FORBES FLD KS

63-70, 73-74

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STATION

STATION NAME

YEARS

54-9574

PAGE 1 7900-110

— 52 —

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PSYCHROMETRIC SUMMARY

1720 FOXBES FLD KS
STATION STATION NAME

63-70, 73-74

YEARS

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PAGE 2 0920-1100

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-20

FOXBES FLD KS

63-70,73-74

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-----|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 27 / 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 16 / 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .3 | 7.1 | 5.9 | 8.0 | 11.4 | 11.6 | 15.4 | 13.0 | 12.6 | 5.6 | 4.5 | 1.7 | 1.1 | .9 | .5 | .2 | .2 | | | | | | | | | | | | | | | 930 | 930 | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|------------|------------|------------|------------|------------|-------|
| Rel. Hum. | 2644751 | 46213 | 49.7 | 19.475 | 930 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | |
| Dry Bulb | 4156891 | 61327 | 65.9 | 11.019 | 930 | | | 45.5 | 28.9 | 10.6 | .4 | 43 |
| Wet Bulb | 2661250 | 50922 | 54.8 | 8.866 | 930 | | | 8.0 | 2.1 | | | 93 |
| Dew Point | 1989711 | 41525 | 44.7 | 12.081 | 930 | | 18.1 | 2.8 | .5 | | | 93 |

CLIMATOLGY
 GRAFETAC
 AIR WEATHER SERVICE/MAC

1923 FORBES FLD MS

STATION

STATION

| Temp.
(F) | WET BULB TEMPERATURE | | | | | | | | | | | |
|--------------|----------------------|------------|-----------|------------|----------|------------------------------------|------|------|------|------|------|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 6/ 95 | | | | | | | | | | | | |
| 4/ 93 | | | | | | | | | | | | |
| 1/ 91 | | | | | | | | | | | | |
| 1/ 89 | | | | | | | | | | | | |
| 8/ 87 | | | | | | | | | | | | |
| 6/ 85 | | | | | | .5 | | .2 | .1 | .1 | .2 | |
| 4/ 83 | | | | | | | | .3 | .4 | .2 | .3 | |
| 1/ 81 | | | | .2 | .5 | .3 | | .4 | .5 | .6 | .3 | |
| 1/ 79 | | | .1 | .8 | .1 | .1 | .5 | 1.5 | 1.2 | .5 | .4 | |
| 7/ 77 | | | | | .3 | .5 | 1.1 | 1.3 | .8 | .6 | .6 | |
| 6/ 75 | | | | .1 | .2 | 1.4 | 1.0 | 1.2 | 1.0 | .6 | .6 | |
| 4/ 73 | | | | .4 | .3 | .8 | .6 | 1.0 | .6 | .8 | 1.0 | |
| 2/ 71 | | | .1 | .5 | .3 | .4 | .8 | .5 | 1.0 | .9 | .3 | |
| 1/ 69 | | .2 | .6 | .3 | .5 | .6 | .5 | 1.1 | 1.4 | .4 | .6 | |
| 6/ 67 | | .4 | .2 | .4 | 1.1 | | 1.4 | .8 | 1.2 | .6 | .2 | |
| 6/ 65 | | .6 | .4 | 1.0 | .3 | .4 | .8 | 1.5 | .8 | .5 | | |
| 4/ 63 | | .2 | .3 | .5 | .1 | .3 | 1.0 | 1.1 | 1.8 | | .1 | |
| 2/ 61 | | .2 | .2 | .3 | .3 | .2 | 1.2 | 1.1 | 1.2 | .2 | .1 | |
| 1/ 59 | | .5 | .4 | .2 | .1 | .8 | .8 | 1.3 | .6 | | | |
| 5/ 57 | | .2 | .3 | .2 | .4 | .8 | 1.4 | 1.0 | .6 | .1 | | |
| 5/ 55 | | .8 | .4 | .5 | .5 | 1.1 | 1.5 | .9 | .1 | | | |
| 4/ 53 | | .8 | .4 | 1.2 | 1.0 | 1.1 | 1.0 | .5 | | | | |
| 2/ 51 | | .1 | .2 | .4 | .5 | 1.2 | .4 | | | | | |
| 5/ 49 | | .4 | .1 | .1 | .5 | .4 | | | | | | |
| 4/ 47 | | .4 | .1 | .3 | .8 | .6 | | | | | | |
| 4/ 45 | | .6 | .2 | | .1 | .2 | | | | | | |
| 4/ 43 | .1 | .5 | .4 | .4 | .2 | | | | | | | |
| 2/ 41 | | .5 | .1 | | | | | | | | | |
| 4/ 39 | | .1 | | | | | | | | | | |
| 3/ 37 | | | | | | | | | | | | |
| 7/ 35 | | | | | | | | | | | | |
| 3/ 33 | | | | | | | | | | | | |
| 2/ 31 | | | | | | | | | | | | |
| 2/ 29 | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
| Rel. Hum. | | | | | | 10 F | 12 F | 14 F | 16 F | 18 F | 20 F | |
| Dir. Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

63-70, 73-74

PAGE 2 1500-1700

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PSYCHROMETRIC SUMMARY

63-70, 73-74

U C T

PAGE 1 1870-2000

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

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|---------|---------------|
| 1020 | FORBES FLD KS |
| STATION | STATION NAME |

63-70, 73-74

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MAY 1964

PAGE 1 2100-2300
7-8-85

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PSYCHROMETRIC SUMMARY

17020
STATION

F00BES FLD KS

63-77, 73-74

NOV
MONTH

PAGE 2

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HOURS: 9 A.M. - 5 P.M.

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PSYCHROMETRIC SUMMARY

1020 FORBES FLD KS 63-70,73-74
STATION STATION NAME

408

PAGE 2 0300-0500
HOURS: 5:00-5:00

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PSYCHROMETRIC SUMMARY

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PAGE 2 7630-0900
HOURS: 5:30-10:00

GLOBAL CLIMATOLOGY BRANCH
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ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1720 FORBES FLD KS
STATION STATION NAME

63-70, 73-74

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PSYCHROMETRIC SUMMARY

PAGE 7 0900-1100
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USAFETAC FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

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PAGE 2 1200-1400
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JUN 71

PSYCHROMETRIC SUMMARY

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PAGE 2 2100-2300
HOURS L. S. T.

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PSYCHROMETRIC SUMMARY

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JUN 71

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10. *Journal of the American Statistical Association*, 92, 1997, 1029-1038.

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(JUN 71)

PSYCHROMETRIC SUMMARY

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PAGE 2 1200-1400
HOURS 15.1

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PSYCHROMETRIC SUMMARY

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MONTH

1500-1700

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PSYCHROMETRIC SUMMARY

YEARS

DEC 1964

PAGE 2 1570-1700
HOURS U. S. T.

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PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1800-2000

PSYCHROMETRIC SUMMARY

DEC

YEARS

2100-2300

25, 28, 31, 34, 37.

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PSYCHROMETRIC SUMMARY

63-70, 73-74

DEC

V L A G S

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|----|-----------|----------|----------|--------|--------|--|--|--------|--|--|--------|--|--|--------|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew P. | | | | | | | | | | | | | | | |
| 7 / 69 | | | | | | | .0 | .0 | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | |
| 6 / 67 | | | | | | | .0 | | | | | .0 | .0 | | | | | 5 | 5 | | | | | | | | | | | | | | | | | |
| 6 / 65 | | | .0 | .1 | .0 | .1 | | | .0 | .1 | .0 | | | | | | | 20 | 20 | | | | | | | | | | | | | | | | | |
| 4 / 63 | | | .0 | .2 | .0 | .0 | | | .0 | .0 | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | | |
| 2 / 61 | | .1 | .2 | .1 | .1 | .0 | .0 | .1 | .1 | .1 | | | | | | | | 52 | 52 | 1 | | | | | | | | | | | | | | | | |
| 2 / 59 | | .3 | .2 | .1 | .0 | .0 | | .1 | .1 | .0 | | | | | | | | 65 | 65 | 22 | | | | | | | | | | | | | | | | |
| 2 / 57 | | .3 | .2 | .1 | .1 | .1 | .1 | .3 | .1 | | | | | | | | | 87 | 87 | 58 | | | | | | | | | | | | | | | | |
| 5 / 55 | | .1 | .2 | .1 | .2 | .1 | .2 | .2 | .1 | | | | | | | | | 83 | 83 | 45 | | | | | | | | | | | | | | | | |
| 4 / 53 | | .2 | .2 | .1 | .2 | .3 | .2 | .2 | | | | | | | | | | 95 | 95 | 34 | | | | | | | | | | | | | | | | |
| 2 / 51 | | .1 | .2 | .2 | .2 | .3 | .4 | .1 | | | | | | | | | | 106 | 106 | 34 | | | | | | | | | | | | | | | | |
| 5 / 49 | | .1 | .3 | .2 | .3 | .4 | .2 | .0 | | | | | | | | | | 114 | 114 | 44 | | | | | | | | | | | | | | | | |
| 4 / 47 | .0 | .3 | .3 | .4 | .6 | .4 | .2 | .0 | | | | | | | | | | 161 | 161 | 82 | | | | | | | | | | | | | | | | |
| 4 / 45 | .0 | .4 | .5 | .4 | .7 | .3 | .1 | | | | | | | | | | | 187 | 187 | 111 | | | | | | | | | | | | | | | | |
| 4 / 43 | | .7 | .5 | 1.0 | .8 | .2 | .1 | | | | | | | | | | | 250 | 250 | 168 | | | | | | | | | | | | | | | | |
| 2 / 41 | .0 | .8 | .7 | 1.1 | .9 | .2 | .0 | | | | | | | | | | | 288 | 288 | 224 | | | | | | | | | | | | | | | | |
| 4 / 39 | .3 | 1.2 | 1.4 | 1.2 | .6 | .1 | | | | | | | | | | | | 361 | 361 | 237 | 1 | | | | | | | | | | | | | | | |
| 3 / 37 | .2 | 1.6 | 1.5 | 1.5 | .6 | .0 | | | | | | | | | | | | 402 | 402 | 350 | 1 | | | | | | | | | | | | | | | |
| 3 / 35 | .2 | 2.7 | 2.8 | 1.7 | .4 | | | | | | | | | | | | | 577 | 577 | 424 | 1 | | | | | | | | | | | | | | | |
| 34 / 33 | .1 | 2.7 | 3.0 | 1.3 | .1 | | | | | | | | | | | | | 538 | 538 | 534 | 2 | | | | | | | | | | | | | | | |
| 2 / 31 | .1 | 3.2 | 3.5 | 1.2 | .1 | | | | | | | | | | | | | 603 | 603 | 656 | 3 | | | | | | | | | | | | | | | |
| 2 / 29 | .2 | 3.4 | 3.0 | .6 | .1 | | | | | | | | | | | | | 545 | 545 | 664 | 4 | | | | | | | | | | | | | | | |
| 2 / 27 | .3 | 3.4 | 2.3 | .4 | .2 | | | | | | | | | | | | | 479 | 479 | 640 | 5 | | | | | | | | | | | | | | | |
| 2 / 25 | .2 | 3.6 | 1.9 | .2 | | | | | | | | | | | | | | 438 | 438 | 561 | 5 | | | | | | | | | | | | | | | |
| 2 / 23 | .2 | 3.1 | 1.6 | .1 | | | | | | | | | | | | | | 368 | 368 | 484 | 5 | | | | | | | | | | | | | | | |
| 2 / 21 | .6 | 3.3 | 1.3 | .1 | | | | | | | | | | | | | | 400 | 400 | 443 | 5 | | | | | | | | | | | | | | | |
| 2 / 19 | .3 | 2.6 | .6 | .0 | | | | | | | | | | | | | | 263 | 263 | 378 | 5 | | | | | | | | | | | | | | | |
| 1 / 17 | .2 | 2.1 | .3 | | | | | | | | | | | | | | | 191 | 191 | 296 | 3 | | | | | | | | | | | | | | | |
| 1 / 15 | .0 | 1.9 | .2 | | | | | | | | | | | | | | | 157 | 157 | 186 | 5 | | | | | | | | | | | | | | | |
| 14 / 13 | .0 | 1.4 | .1 | | | | | | | | | | | | | | | 116 | 116 | 175 | 4 | | | | | | | | | | | | | | | |
| 1 / 11 | .1 | .9 | .0 | | | | | | | | | | | | | | | 74 | 74 | 96 | 3 | | | | | | | | | | | | | | | |
| 1 / 9 | .2 | 1.0 | .1 | | | | | | | | | | | | | | | 97 | 97 | 95 | 2 | | | | | | | | | | | | | | | |
| 2 / 7 | .1 | .8 | .0 | | | | | | | | | | | | | | | 69 | 69 | 89 | 1 | | | | | | | | | | | | | | | |
| 2 / 5 | .1 | .7 | | | | | | | | | | | | | | | | 62 | 62 | 64 | 1 | | | | | | | | | | | | | | | |
| 4 / 3 | .1 | .6 | | | | | | | | | | | | | | | | 46 | 46 | 60 | 1 | | | | | | | | | | | | | | | |
| Element (X) | ΣX² | | | ΣX | | | X̄ | | | σ _x | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | | | ≤ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

102. FORBES FLD KS

63-70, 73-74

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PAGE 2

ALL

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| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| / 1 | | .1 | .6 | | | | | | | | | | | | | | | 46 | 46 | 46 | 76 | | | | | | | | | | | | | | |
| / -1 | | .2 | .2 | | | | | | | | | | | | | | | 32 | 32 | 42 | 65 | | | | | | | | | | | | | | |
| / -3 | | .1 | .2 | | | | | | | | | | | | | | | 19 | 19 | 29 | 52 | | | | | | | | | | | | | | |
| / -5 | | | .1 | | | | | | | | | | | | | | | 11 | 11 | 3 | 49 | | | | | | | | | | | | | | |
| / -7 | | | | | | | | | | | | | | | | | | | | 0 | 3 | | | | | | | | | | | | | | |
| / -9 | | | | | | | | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | |
| / -11 | | | | | | | | | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | |
| / -13 | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | |
| / -15 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | |
| / -17 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | | |
| / -19 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| / -21 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TAL | 4.144 | 6.27 | 3.12 | 4.5 | 9 | 2.7 | 1.5 | 1.0 | .4 | .2 | .0 | .0 | | | | | | | 7433 | 7433 | 7433 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 7433 | | 7433 | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F | |
| Rel. Hum. | 36043813 | 504085 | 67.8 | 15.812 | 7433 | | | | | | | 744 |
| Dry Bulb | 8548943 | 234939 | 31.6 | 12.293 | 7433 | 6.2 | 402.0 | .7 | | | | 744 |
| Wet Bulb | 6791062 | 209934 | 28.2 | 10.768 | 7433 | 8.5 | 502.0 | | | | | 744 |
| Dew Point | 4473339 | 159187 | 21.4 | 11.966 | 7433 | 34.0 | 637.4 | | | | | 744 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1020 FORBES FLD KS

63-70, 73-75

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|----|-----------|----------|----------|-----------|------|--|--|--|------------------------------------|--|-------------|--|-------------|--|-------------|--|-------------|--|-------------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| 1 / 107 | | | | | | | | | | | | | | | | | .0 | | 2 | | | | | | | | | | | | | | | | | | | | |
| 1 / 105 | | | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | 14 | | 14 | | | | | | | | | | | | | | | | | | |
| 1 4/103 | | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | 29 | | 29 | | | | | | | | | | | | | | | | | | |
| 1 2/101 | | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 52 | | 52 | | | | | | | | | | | | | | | | | | |
| 1 0/ 99 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 116 | | 116 | | | | | | | | | | | | | | | | | | |
| 2 / 97 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 157 | | 157 | | | | | | | | | | | | | | | | | | |
| 6 / 95 | | | | | | | | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 250 | | 250 | | | | | | | | | | | | | | | | | | |
| 4 / 93 | | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | 426 | | 426 | | | | | | | | | | | | | | | | | | |
| 2 / 91 | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | 574 | | 574 | | | | | | | | | | | | | | | | | | |
| 2 / 89 | | | | | .0 | .1 | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 780 | | 780 | | | | | | | | | | | | | | | | | | |
| 8 / 87 | | | | .0 | .0 | .1 | .2 | .3 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 938 | | 938 | | | | | | | | | | | | | | | | | | |
| 6 / 85 | | | .0 | .0 | .1 | .4 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 1341 | | 1342 | | | | | | | | | | | | | | | | | | |
| 4 / 83 | | | .0 | .1 | .2 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 1571 | | 1571 | | | | | | | | | | | | | | | | | | |
| 2 / 81 | | .0 | .0 | .2 | .4 | .4 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 1859 | | 1859 | | | | | | | | | | | | | | | | | | |
| 1 / 79 | | .0 | .2 | .4 | .5 | .5 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 2320 | 2320 | 422 | 31 | | | | | | | | | | | | | | | | | |
| 7 / 77 | .0 | .1 | .3 | .5 | .5 | .5 | .4 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 2531 | 2531 | 889 | 149 | | | | | | | | | | | | | | | | | |
| 1 / 75 | .0 | .2 | .6 | .6 | .6 | .4 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 2772 | 2772 | 1837 | 459 | | | | | | | | | | | | | | | | | |
| 2 / 73 | .0 | .4 | .7 | .8 | .4 | .4 | .3 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | 3045 | 3045 | 2962 | 1049 | | | | | | | | | | | | | | | | | |
| 2 / 71 | .1 | .6 | .8 | .7 | .5 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 3268 | 3269 | 3210 | 2057 | | | | | | | | | | | | | | | | | |
| 2 / 69 | .1 | .6 | 1.0 | .6 | .5 | .3 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 3403 | 3404 | 3533 | 3006 | | | | | | | | | | | | | | | | | |
| 6 / 67 | .1 | .7 | 1.2 | .5 | .5 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 3437 | 3438 | 3849 | 3233 | | | | | | | | | | | | | | | | | |
| 6 / 65 | .1 | .7 | .9 | .6 | .4 | .2 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 3104 | 3104 | 3844 | 3334 | | | | | | | | | | | | | | | | | |
| 4 / 63 | .1 | .9 | .7 | .6 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 3108 | 3108 | 3900 | 3267 | | | | | | | | | | | | | | | | | |
| 2 / 61 | .0 | .8 | .7 | .5 | .4 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2887 | 2887 | 3519 | 3610 | | | | | | | | | | | | | | | | | |
| 1 / 59 | .0 | .8 | .7 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2729 | 2729 | 3412 | 3385 | | | | | | | | | | | | | | | | | |
| 5 / 57 | .1 | .8 | .7 | .4 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2713 | 2713 | 3046 | 3362 | | | | | | | | | | | | | | | | | |
| 5 / 55 | .1 | .7 | .5 | .4 | .4 | .3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2580 | 2580 | 3005 | 3211 | | | | | | | | | | | | | | | | | |
| 4 / 53 | .0 | .7 | .5 | .5 | .4 | .3 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2521 | 2521 | 2806 | 2949 | | | | | | | | | | | | | | | | | |
| 2 / 51 | .0 | .5 | .6 | .4 | .5 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2330 | 2330 | 2511 | 2698 | | | | | | | | | | | | | | | | | |
| 5 / 49 | .0 | .5 | .6 | .5 | .4 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2312 | 2312 | 2602 | 2342 | | | | | | | | | | | | | | | | | |
| 4 / 47 | .0 | .5 | .5 | .6 | .5 | .3 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2185 | 2185 | 2656 | 2130 | | | | | | | | | | | | | | | | | |
| 4 / 45 | .0 | .6 | .6 | .6 | .4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2186 | 2186 | 2563 | 2173 | | | | | | | | | | | | | | | | | |
| 4 / 43 | .0 | .6 | .7 | .6 | .4 | .2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2286 | 2286 | 2650 | 2151 | | | | | | | | | | | | | | | | | |
| 2 / 41 | .0 | .6 | .7 | .8 | .4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 2325 | 2325 | 2711 | 2022 | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | | | | ΣX | | | | | \bar{X} | | | | | σ_x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≥ 67 F | | ≥ 73 F | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

142 FORBES FLD KS

63-70, 73-75

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS U.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-----|-----------|----------|----------|-----------|--|--|--|--|------------------------------------|--------|--------|--------|--------|--------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 4 / 39 | .1 | .6 | .9 | .6 | .3 | .1 | .0 | | | | | | | | | | | 2340 | 2340 | 2729 | 2432 | | | | | | | | | | | | | | |
| 3 / 37 | .1 | .7 | .8 | .7 | .2 | .0 | .0 | | | | | | | | | | | 2303 | 2303 | 2723 | 2409 | | | | | | | | | | | | | | |
| 2 / 35 | .1 | .9 | 1.1 | .6 | .2 | .0 | | | | | | | | | | | | 2582 | 2582 | 2796 | 2509 | | | | | | | | | | | | | | |
| 3 / 33 | .1 | 1.0 | 1.2 | .5 | .1 | .0 | | | | | | | | | | | | 2549 | 2549 | 2882 | 2586 | | | | | | | | | | | | | | |
| 2 / 31 | .1 | 1.0 | 1.2 | .4 | .1 | .0 | | | | | | | | | | | | 2451 | 2452 | 2978 | 2692 | | | | | | | | | | | | | | |
| 3 / 29 | .1 | 1.1 | .9 | .3 | .0 | .0 | | | | | | | | | | | | 2138 | 2138 | 2916 | 3141 | | | | | | | | | | | | | | |
| 2 / 27 | .1 | 1.2 | .6 | .2 | .0 | | | | | | | | | | | | | 1831 | 1831 | 2519 | 3051 | | | | | | | | | | | | | | |
| 2 / 25 | .1 | 1.0 | .6 | .1 | .0 | | | | | | | | | | | | | 1578 | 1578 | 2240 | 2948 | | | | | | | | | | | | | | |
| 2 / 23 | .1 | .8 | .4 | .1 | .0 | | | | | | | | | | | | | 1197 | 1197 | 1720 | 2591 | | | | | | | | | | | | | | |
| 2 / 21 | .2 | .8 | .4 | .1 | | | | | | | | | | | | | | 1206 | 1206 | 1464 | 2606 | | | | | | | | | | | | | | |
| 2 / 19 | .1 | .8 | .2 | .0 | | | | | | | | | | | | | | 1017 | 1017 | 1239 | 2314 | | | | | | | | | | | | | | |
| 1 / 17 | .1 | .6 | .2 | .0 | | | | | | | | | | | | | | 822 | 822 | 1113 | 1799 | | | | | | | | | | | | | | |
| 1 / 15 | .0 | .6 | .1 | .0 | | | | | | | | | | | | | | 681 | 681 | 840 | 1717 | | | | | | | | | | | | | | |
| 1 / 13 | .0 | .5 | .1 | | | | | | | | | | | | | | | 562 | 562 | 760 | 1355 | | | | | | | | | | | | | | |
| 1 / 11 | .0 | .5 | .0 | | | | | | | | | | | | | | | 481 | 481 | 552 | 1186 | | | | | | | | | | | | | | |
| 1 / 9 | .1 | .4 | .0 | | | | | | | | | | | | | | | 414 | 414 | 491 | 1101 | | | | | | | | | | | | | | |
| 0 / 7 | .0 | .3 | .0 | | | | | | | | | | | | | | | 332 | 332 | 403 | 903 | | | | | | | | | | | | | | |
| 0 / 5 | .0 | .3 | | | | | | | | | | | | | | | | 263 | 263 | 324 | 763 | | | | | | | | | | | | | | |
| 0 / 3 | .0 | .2 | | | | | | | | | | | | | | | | 202 | 202 | 246 | 633 | | | | | | | | | | | | | | |
| 0 / 1 | .0 | .1 | | | | | | | | | | | | | | | | 148 | 149 | 192 | 481 | | | | | | | | | | | | | | |
| -1 / -1 | .1 | .1 | | | | | | | | | | | | | | | | 115 | 115 | 125 | 362 | | | | | | | | | | | | | | |
| -1 / -3 | .1 | .1 | | | | | | | | | | | | | | | | 111 | 111 | 123 | 276 | | | | | | | | | | | | | | |
| -4 / -5 | .0 | .0 | | | | | | | | | | | | | | | | 48 | 48 | 63 | 245 | | | | | | | | | | | | | | |
| -1 / -7 | .0 | .0 | | | | | | | | | | | | | | | | 39 | 39 | 49 | 233 | | | | | | | | | | | | | | |
| -1 / -9 | .0 | | | | | | | | | | | | | | | | | 20 | 20 | 24 | 145 | | | | | | | | | | | | | | |
| -1 / -11 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 122 | | | | | | | | | | | | | | |
| -1 / -13 | .0 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 94 | | | | | | | | | | | | | | |
| -1 / -15 | | | | | | | | | | | | | | | | | | | | | 83 | | | | | | | | | | | | | | |
| -1 / -17 | | | | | | | | | | | | | | | | | | | | | 85 | | | | | | | | | | | | | | |
| -1 / -19 | | | | | | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | |
| -1 / -21 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| -2 / -23 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | |
| -2 / -25 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| -2 / -27 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | | | Σ X | | | | | Σ | | | | | σ _x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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4

ALB

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

19420 FORBES FLD KS

63-70, 73-75

| STATION | STATION NAME | YEARS | | | | | | | | | | | | |
|-----------|--------------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|-------|
| HRS LIST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| MEAN | 24.3 | 29.0 | 37.0 | 50.3 | 59.2 | 66.8 | 73.0 | 69.9 | 62.1 | 52.7 | 40.5 | 29.3 | 49.6 | |
| S D | 13.569 | 10.263 | 11.967 | 9.713 | 8.186 | 6.626 | 5.764 | 6.252 | 7.722 | 9.729 | 10.149 | 11.361 | 19.001 | |
| TOTAL OBS | 930 | 846 | 929 | 930 | 930 | 900 | 930 | 929 | 897 | 929 | 900 | 930 | 10949 | |
| MEAN | 23.1 | 27.3 | 35.0 | 48.1 | 57.1 | 64.8 | 70.5 | 67.6 | 60.2 | 50.6 | 38.9 | 28.0 | 47.7 | |
| S D | 13.619 | 10.265 | 11.835 | 9.826 | 8.310 | 6.590 | 5.837 | 6.187 | 7.934 | 9.780 | 10.318 | 11.262 | 18.742 | |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 897 | 929 | 900 | 930 | 10951 | |
| MEAN | 22.2 | 26.0 | 34.6 | 46.8 | 59.0 | 67.0 | 72.7 | 68.8 | 60.4 | 50.4 | 38.3 | 27.1 | 48.0 | |
| S D | 13.398 | 10.137 | 12.031 | 10.040 | 8.545 | 6.626 | 5.897 | 6.366 | 8.003 | 9.883 | 10.425 | 11.372 | 19.730 | |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 896 | 930 | 899 | 929 | 10950 | |
| MEAN | 25.9 | 31.2 | 42.0 | 56.6 | 66.8 | 74.2 | 81.5 | 77.6 | 68.6 | 59.3 | 44.5 | 31.0 | 55.0 | |
| S D | 13.549 | 10.821 | 13.703 | 10.677 | 9.360 | 7.392 | 6.920 | 7.541 | 8.235 | 10.167 | 10.597 | 11.817 | 21.358 | |
| TOTAL OBS | 930 | 846 | 930 | 900 | 929 | 900 | 930 | 930 | 899 | 930 | 900 | 930 | 10954 | |
| MEAN | 32.1 | 37.7 | 48.8 | 62.4 | 71.8 | 79.0 | 87.0 | 83.2 | 74.2 | 65.9 | 50.9 | 36.7 | 60.9 | |
| S D | 14.674 | 11.800 | 14.927 | 11.316 | 10.021 | 8.087 | 7.429 | 8.424 | 9.159 | 11.019 | 11.560 | 12.816 | 21.476 | |
| TOTAL OBS | 930 | 845 | 929 | 900 | 929 | 900 | 930 | 928 | 900 | 930 | 900 | 930 | 10951 | |
| MEAN | 33.6 | 39.7 | 50.6 | 63.6 | 72.9 | 80.4 | 88.2 | 84.3 | 75.0 | 66.6 | 51.0 | 37.5 | 62.1 | |
| S D | 14.761 | 11.998 | 14.975 | 11.061 | 9.882 | 7.954 | 7.395 | 8.531 | 9.036 | 11.164 | 11.628 | 12.608 | 21.400 | |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 895 | 930 | 899 | 930 | 10949 | |
| MEAN | 28.8 | 34.6 | 45.5 | 59.1 | 68.2 | 76.0 | 83.1 | 78.5 | 69.2 | 59.6 | 45.1 | 32.8 | 56.9 | |
| S D | 13.398 | 10.514 | 13.617 | 10.279 | 8.827 | 7.474 | 6.942 | 7.531 | 8.146 | 9.750 | 10.270 | 11.309 | 20.740 | |
| TOTAL OBS | 930 | 845 | 930 | 897 | 929 | 899 | 930 | 929 | 898 | 930 | 900 | 927 | 10944 | |
| MEAN | 26.4 | 31.2 | 40.3 | 53.5 | 62.4 | 70.2 | 76.2 | 72.5 | 64.3 | 55.2 | 42.1 | 30.4 | 52.2 | |
| S D | 13.295 | 10.020 | 12.405 | 9.689 | 7.887 | 6.602 | 5.819 | 6.416 | 7.595 | 9.528 | 10.140 | 11.442 | 19.349 | |
| TOTAL OBS | 930 | 846 | 930 | 897 | 930 | 900 | 930 | 928 | 898 | 930 | 900 | 927 | 10946 | |
| ALL HOURS | MEAN | 27.0 | 32.1 | 41.7 | 55.3 | 64.7 | 72.3 | 79.0 | 75.3 | 66.8 | 57.5 | 43.9 | 54.0 | |
| | S D | 14.321 | 11.677 | 14.422 | 11.792 | 10.571 | 9.081 | 9.143 | 9.439 | 9.920 | 11.783 | 11.612 | 20.919 | |
| | TOTAL OBS | 7440 | 6765 | 7438 | 7194 | 7437 | 7199 | 7440 | 7432 | 7180 | 7438 | 7198 | 7433 | 87594 |

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1792 FORBES FLD KS

63-70, 73-75

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|-----------|--------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|
| HRS | LST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 0-02 | MEAN | 22.4 | 26.2 | 33.3 | 45.6 | 54.8 | 62.9 | 67.7 | 65.4 | 58.5 | 48.1 | 37.1 | 26.8 | 45.8 | |
| | S D | 12.660 | 9.321 | 10.843 | 9.156 | 8.141 | 6.187 | 4.959 | 5.521 | 7.831 | 9.456 | 9.641 | 10.569 | 18.029 | |
| | TOTAL OBS | 930 | 845 | 929 | 930 | 930 | 900 | 930 | 929 | 897 | 929 | 900 | 930 | 10949 | |
| 03-05 | MEAN | 21.4 | 24.9 | 32.1 | 44.2 | 53.5 | 61.6 | 66.4 | 64.2 | 57.3 | 46.8 | 36.0 | 25.7 | 44.6 | |
| | S D | 13.005 | 9.380 | 11.009 | 9.415 | 8.303 | 6.344 | 5.111 | 5.641 | 8.105 | 9.656 | 9.858 | 10.554 | 18.049 | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 897 | 929 | 900 | 930 | 10951 | |
| 06-08 | MEAN | 20.6 | 23.9 | 31.8 | 45.0 | 54.8 | 63.1 | 67.6 | 65.1 | 57.5 | 46.7 | 35.6 | 25.0 | 44.8 | |
| | S D | 12.774 | 9.436 | 11.152 | 9.551 | 8.341 | 6.130 | 4.855 | 5.607 | 7.998 | 9.673 | 10.042 | 10.654 | 18.716 | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 895 | 930 | 899 | 929 | 10949 | |
| 09-11 | MEAN | 23.4 | 27.7 | 36.6 | 49.4 | 58.9 | 66.6 | 71.2 | 69.0 | 61.8 | 51.8 | 39.7 | 27.8 | 48.8 | |
| | S D | 12.574 | 9.471 | 11.662 | 9.264 | 8.258 | 6.028 | 4.698 | 5.540 | 7.369 | 8.935 | 9.752 | 10.558 | 18.791 | |
| | TOTAL OBS | 930 | 845 | 930 | 900 | 929 | 900 | 929 | 930 | 899 | 930 | 900 | 930 | 10952 | |
| 12-14 | MEAN | 27.8 | 31.8 | 40.3 | 52.2 | 60.9 | 68.5 | 72.6 | 70.6 | 63.9 | 54.8 | 43.1 | 31.6 | 51.5 | |
| | S D | 12.622 | 9.401 | 11.504 | 8.943 | 8.115 | 6.154 | 4.696 | 5.739 | 7.496 | 8.866 | 9.639 | 10.584 | 17.924 | |
| | TOTAL OBS | 930 | 845 | 929 | 900 | 929 | 900 | 930 | 928 | 900 | 930 | 900 | 930 | 10951 | |
| 15-17 | MEAN | 28.8 | 33.0 | 41.2 | 52.7 | 61.1 | 68.8 | 72.7 | 70.7 | 64.1 | 54.8 | 43.0 | 32.2 | 52.0 | |
| | S D | 12.540 | 9.309 | 11.220 | 8.531 | 7.796 | 6.000 | 4.632 | 5.655 | 7.402 | 8.912 | 9.596 | 10.425 | 17.612 | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 895 | 930 | 899 | 930 | 10949 | |
| 18-20 | MEAN | 25.3 | 29.9 | 38.5 | 50.5 | 59.2 | 67.4 | 71.7 | 69.1 | 62.0 | 51.7 | 39.8 | 29.2 | 49.7 | |
| | S D | 12.195 | 8.951 | 10.917 | 8.600 | 7.644 | 6.021 | 4.793 | 5.595 | 7.506 | 8.884 | 9.444 | 10.083 | 18.077 | |
| | TOTAL OBS | 929 | 845 | 930 | 897 | 929 | 898 | 930 | 929 | 898 | 930 | 900 | 927 | 10942 | |
| 21-23 | MEAN | 24.0 | 27.7 | 35.6 | 47.5 | 56.6 | 65.0 | 69.3 | 66.8 | 59.7 | 49.4 | 38.1 | 27.6 | 47.4 | |
| | S D | 12.411 | 9.007 | 10.636 | 8.882 | 7.671 | 5.995 | 4.883 | 5.580 | 7.646 | 9.223 | 9.635 | 10.514 | 17.996 | |
| | TOTAL OBS | 930 | 846 | 930 | 897 | 930 | 900 | 929 | 928 | 898 | 930 | 900 | 927 | 10945 | |
| ALL HOURS | MEAN | 24.3 | 28.1 | 36.2 | 48.4 | 57.5 | 65.5 | 69.9 | 67.6 | 60.6 | 50.5 | 39.1 | 28.2 | 48.1 | |
| | S D | 12.917 | 9.757 | 11.645 | 9.559 | 8.488 | 6.625 | 5.352 | 6.103 | 8.084 | 9.703 | 10.071 | 10.768 | 18.355 | |
| | TOTAL OBS | 7439 | 6764 | 7438 | 7194 | 7437 | 7198 | 7438 | 7432 | 7179 | 7438 | 7198 | 7433 | 87588 | |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17420 FORRES FLD KS

63-70,73-75

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--|-----|--|-----|--|-----|--|-----|--|-----|--|--------|--|--|
| HRS. LST | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | | |
| 0-02 | MEAN | 16.7 | 19.8 | 27.0 | 40.2 | 51.0 | 60.4 | 64.7 | 62.8 | 55.8 | 43.2 | 31.9 | 21.1 | 41.3 | | | | | | | | | | | | | | |
| | S D | 14.586 | 10.723 | 12.390 | 10.908 | 9.675 | 6.899 | 5.898 | 6.289 | 8.951 | 11.202 | 11.283 | 11.991 | 19.868 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 845 | 929 | 900 | 930 | 900 | 930 | 929 | 897 | 929 | 900 | 930 | 10949 | | | | | | | | | | | | | | |
| 03-05 | MEAN | 16.2 | 19.1 | 26.7 | 39.7 | 50.4 | 59.5 | 64.1 | 62.2 | 55.1 | 42.5 | 31.5 | 20.3 | 40.7 | | | | | | | | | | | | | | |
| | S D | 14.809 | 10.594 | 12.451 | 10.858 | 9.694 | 6.927 | 5.740 | 6.216 | 9.007 | 11.145 | 11.331 | 11.951 | 19.843 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 897 | 929 | 900 | 930 | 10951 | | | | | | | | | | | | | | |
| 06-08 | MEAN | 15.6 | 18.4 | 26.6 | 40.7 | 51.3 | 60.7 | 64.8 | 62.8 | 55.2 | 42.7 | 31.3 | 19.7 | 40.9 | | | | | | | | | | | | | | |
| | S D | 14.602 | 10.698 | 12.502 | 10.860 | 9.734 | 6.697 | 5.523 | 6.167 | 8.803 | 11.015 | 11.519 | 11.957 | 20.292 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 895 | 930 | 899 | 929 | 10949 | | | | | | | | | | | | | | |
| 09-11 | MEAN | 17.2 | 20.1 | 28.5 | 42.1 | 52.9 | 62.2 | 66.0 | 64.4 | 57.1 | 44.7 | 33.2 | 21.2 | 42.6 | | | | | | | | | | | | | | |
| | S D | 14.459 | 11.263 | 13.231 | 11.448 | 10.415 | 7.141 | 6.106 | 6.804 | 8.990 | 11.212 | 11.826 | 11.948 | 20.407 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 845 | 930 | 900 | 929 | 900 | 929 | 930 | 899 | 930 | 900 | 930 | 10952 | | | | | | | | | | | | | | |
| 12-14 | MEAN | 18.9 | 21.1 | 28.8 | 42.5 | 52.8 | 62.6 | 65.5 | 64.0 | 57.1 | 44.7 | 33.3 | 22.5 | 42.9 | | | | | | | | | | | | | | |
| | S D | 14.169 | 11.502 | 13.136 | 11.723 | 10.728 | 7.756 | 6.744 | 7.601 | 9.713 | 12.081 | 12.066 | 11.955 | 20.109 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 845 | 929 | 900 | 929 | 900 | 930 | 928 | 900 | 930 | 900 | 930 | 10951 | | | | | | | | | | | | | | |
| 15-17 | MEAN | 19.3 | 21.0 | 28.8 | 42.2 | 52.4 | 62.4 | 65.0 | 63.5 | 56.9 | 44.2 | 32.9 | 22.9 | 42.7 | | | | | | | | | | | | | | |
| | S D | 14.131 | 11.787 | 13.030 | 11.605 | 10.600 | 7.782 | 7.024 | 7.655 | 9.723 | 12.265 | 12.109 | 12.019 | 19.950 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 895 | 930 | 899 | 930 | 10949 | | | | | | | | | | | | | | |
| 18-20 | MEAN | 18.8 | 20.7 | 28.5 | 41.8 | 52.2 | 62.4 | 65.8 | 64.1 | 56.9 | 43.9 | 32.5 | 22.1 | 42.6 | | | | | | | | | | | | | | |
| | S D | 14.028 | 11.255 | 12.663 | 11.318 | 10.197 | 7.495 | 6.670 | 7.095 | 9.267 | 11.668 | 11.798 | 11.646 | 20.052 | | | | | | | | | | | | | | |
| | TOTAL OBS | 929 | 845 | 930 | 897 | 929 | 898 | 930 | 929 | 898 | 930 | 900 | 927 | 10942 | | | | | | | | | | | | | | |
| 21-23 | MEAN | 18.0 | 20.4 | 28.1 | 41.1 | 51.9 | 61.8 | 65.6 | 63.5 | 56.2 | 43.5 | 32.2 | 21.5 | 42.1 | | | | | | | | | | | | | | |
| | S D | 14.079 | 10.898 | 12.402 | 11.042 | 9.577 | 6.911 | 6.093 | 6.583 | 9.003 | 11.325 | 11.647 | 11.954 | 19.926 | | | | | | | | | | | | | | |
| | TOTAL OBS | 930 | 846 | 930 | 897 | 930 | 900 | 929 | 928 | 898 | 930 | 900 | 927 | 10945 | | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 17.6 | 20.1 | 27.9 | 41.3 | 51.9 | 61.5 | 65.2 | 63.4 | 56.3 | 43.7 | 32.4 | 21.4 | 42.0 | | | | | | | | | | | | | | |
| | S D | 14.409 | 11.126 | 12.754 | 11.260 | 10.117 | 7.289 | 6.271 | 6.858 | 9.217 | 11.519 | 11.717 | 11.966 | 20.073 | | | | | | | | | | | | | | |
| | TOTAL OBS | 7439 | 6764 | 7438 | 7194 | 7437 | 7198 | 7438 | 7432 | 7179 | 7438 | 7198 | 7433 | 87588 | | | | | | | | | | | | | | |

RELATIVE HUMIDITY

JAN
MONTH

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|-------------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 96.2 | 84.2 | 62.0 | 30.4 | 9.6 | 73.7 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 97.5 | 86.0 | 68.2 | 36.8 | 11.6 | 75.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.5 | 88.6 | 68.8 | 36.9 | 11.9 | 76.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.8 | 91.1 | 73.7 | 50.6 | 26.1 | 6.5 | 70.4 | 930 |
| | 12-14 | 100.0 | 99.9 | 96.8 | 87.6 | 68.3 | 48.0 | 29.1 | 14.9 | 4.6 | 60.4 | 930 |
| | 15-17 | 100.0 | 99.5 | 94.4 | 83.7 | 64.5 | 44.1 | 25.9 | 12.3 | 3.2 | 58.4 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.5 | 95.3 | 86.0 | 66.1 | 41.3 | 19.9 | 7.0 | 67.2 | 929 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.1 | 93.2 | 79.9 | 54.1 | 26.5 | 8.5 | 71.4 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.8 | 95.4 | 86.8 | 71.3 | 50.0 | 25.5 | 8.1 | 69.1 | 7439 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13920 FORBES FLD KS
STATION

STATION NAME

63-70,74-75

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 99.9 | 97.5 | 92.1 | 72.5 | 47.2 | 23.3 | 6.7 | 69.4 | 845 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.7 | 93.9 | 81.8 | 53.8 | 27.9 | 6.6 | 71.9 | 846 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.9 | 95.7 | 84.9 | 61.0 | 32.2 | 8.5 | 73.7 | 846 |
| | 09-11 | 100.0 | 99.9 | 98.7 | 91.7 | 80.2 | 63.1 | 38.3 | 20.7 | 7.0 | 65.3 | 845 |
| | 12-14 | 100.0 | 98.5 | 89.9 | 72.2 | 53.0 | 36.3 | 21.5 | 13.3 | 2.6 | 54.4 | 845 |
| | 15-17 | 100.0 | 97.0 | 83.2 | 65.0 | 43.6 | 30.1 | 18.9 | 10.3 | 1.9 | 50.7 | 846 |
| | 18-20 | 100.0 | 99.8 | 95.5 | 83.8 | 66.6 | 44.6 | 25.6 | 14.0 | 3.2 | 59.1 | 845 |
| | 21-23 | 100.0 | 100.0 | 99.5 | 95.4 | 83.3 | 64.5 | 36.2 | 18.7 | 4.7 | 65.8 | 846 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 95.8 | 87.9 | 76.1 | 59.7 | 37.8 | 20.1 | 5.2 | 63.8 | 6764 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION NAME

PERIOD

APR
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | 90° | | |
| APR | 00-02 | 100.0 | 99.8 | 99.6 | 96.6 | 88.2 | 70.8 | 48.3 | 23.0 | 10.0 | 69.5 | 900 |
| | 03-05 | 100.0 | 100.0 | 99.6 | 98.8 | 94.6 | 82.4 | 58.6 | 35.7 | 12.9 | 73.9 | 900 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 98.9 | 95.0 | 82.7 | 60.6 | 38.8 | 15.6 | 74.6 | 900 |
| | 09-11 | 100.0 | 99.3 | 96.2 | 85.8 | 69.4 | 46.6 | 32.0 | 18.4 | 6.9 | 61.1 | 900 |
| | 12-14 | 100.0 | 97.1 | 86.0 | 66.1 | 47.0 | 31.6 | 20.4 | 10.8 | 3.9 | 51.9 | 900 |
| | 15-17 | 100.0 | 95.6 | 82.2 | 60.8 | 41.3 | 29.6 | 19.0 | 10.1 | 3.7 | 49.6 | 900 |
| | 18-20 | 100.0 | 99.4 | 90.0 | 74.4 | 55.5 | 38.9 | 25.9 | 14.7 | 3.9 | 56.0 | 897 |
| | 21-23 | 100.0 | 99.7 | 98.1 | 92.1 | 78.8 | 58.4 | 37.6 | 22.5 | 7.1 | 65.0 | 897 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.9 | 94.0 | 84.2 | 71.2 | 55.1 | 37.8 | 22.4 | 8.0 | 62.7 | 7194 |

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MAY
MONTH

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|-----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 99.5 | 95.9 | 84.6 | 63.3 | 33.3 | 12.6 | 75.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.2 | 97.6 | 90.1 | 75.8 | 48.0 | 20.5 | 79.0 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.5 | 96.5 | 86.5 | 68.6 | 42.6 | 16.6 | 76.7 | 930 |
| | 09-11 | 100.0 | 100.0 | 98.4 | 90.9 | 73.7 | 55.4 | 34.6 | 16.5 | 5.8 | 63.2 | 929 |
| | 12-14 | 100.0 | 99.6 | 91.3 | 73.2 | 52.0 | 33.0 | 19.5 | 9.6 | 4.0 | 54.1 | 929 |
| | 15-17 | 100.0 | 99.6 | 87.7 | 69.2 | 47.3 | 27.5 | 14.6 | 9.5 | 4.3 | 51.5 | 930 |
| | 18-20 | 100.0 | 99.9 | 95.8 | 84.5 | 66.0 | 43.2 | 26.5 | 13.6 | 5.5 | 59.2 | 929 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 97.5 | 88.3 | 71.4 | 46.6 | 21.1 | 8.8 | 69.7 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 96.7 | 89.2 | 77.2 | 61.5 | 43.7 | 25.4 | 9.8 | 66.1 | 7437 |

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
JANFETAC
AF: WEATHER SERVICE/MAC

STATION NAME

PERIOD

JUN
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 95.8 | 83.0 | 51.9 | 15.9 | 83.2 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 88.3 | 63.4 | 21.3 | 83.2 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.1 | 82.1 | 54.0 | 15.6 | 80.6 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 97.0 | 88.0 | 67.8 | 43.0 | 19.6 | 5.9 | 67.6 | 900 |
| | 12-14 | 100.0 | 100.0 | 98.3 | 89.4 | 68.9 | 43.4 | 22.0 | 10.2 | 3.6 | 59.1 | 900 |
| | 15-17 | 100.0 | 99.9 | 97.4 | 84.8 | 60.3 | 37.7 | 16.6 | 6.6 | 2.3 | 56.2 | 900 |
| | 18-20 | 100.0 | 100.0 | 99.3 | 94.7 | 82.9 | 58.1 | 32.9 | 15.4 | 4.9 | 64.2 | 898 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.4 | 97.6 | 88.9 | 64.8 | 35.9 | 8.6 | 75.2 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.4 | 95.7 | 87.1 | 73.3 | 54.1 | 32.1 | 9.8 | 70.6 | 7198 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

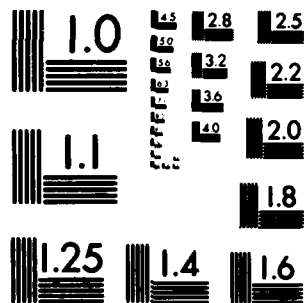
STATION NAME

PERIOD

JUL
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70 | 80 | 90 | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 95.7 | 85.9 | 71.6 | 43.4 | 4.6 | 75.1 | 93 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 98.2 | 93.5 | 81.3 | 60.6 | 15.9 | 80.5 | 93 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 97.3 | 88.6 | 72.3 | 46.5 | 10.9 | 77.2 | 93 |
| | 09-11 | 100.0 | 100.0 | 98.8 | 91.9 | 74.7 | 50.5 | 25.3 | 11.2 | 2.2 | 61.5 | 92 |
| | 12-14 | 100.0 | 99.9 | 91.6 | 73.9 | 48.6 | 23.9 | 9.6 | 3.0 | .3 | 50.7 | 93 |
| | 15-17 | 100.0 | 98.9 | 87.5 | 68.1 | 42.8 | 19.2 | 7.8 | 3.1 | .1 | 48.4 | 93 |
| | 18-20 | 100.0 | 99.8 | 95.9 | 85.8 | 69.4 | 44.4 | 22.0 | 6.9 | 1.2 | 58.1 | 93 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.0 | 90.6 | 73.0 | 55.9 | 26.7 | 4.8 | 70.9 | 92 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 96.7 | 89.6 | 77.2 | 60.5 | 43.2 | 25.2 | 5.5 | 65.4 | 743 |

USAFETAC FORM 0-87.5 (OL A)
JUL 64



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

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1

1

1

FORM
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1392C
STATION

FORBES FLD KS

STATION NAME

63-70,73-74

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 95.7 | 83.2 | 52.1 | 12.3 | 80.2 | 897 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.4 | 91.3 | 66.1 | 18.4 | 83.4 | 897 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.3 | 89.4 | 66.5 | 18.8 | 83.2 | 895 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 97.6 | 84.1 | 67.0 | 45.1 | 24.8 | 6.6 | 68.3 | 899 |
| | 12-14 | 100.0 | 100.0 | 96.8 | 83.6 | 59.8 | 40.1 | 23.6 | 12.4 | 3.3 | 57.5 | 900 |
| | 15-17 | 100.0 | 100.0 | 96.6 | 79.4 | 56.9 | 34.1 | 19.1 | 10.1 | 2.0 | 55.5 | 895 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 95.8 | 84.2 | 65.7 | 39.5 | 17.8 | 3.6 | 66.4 | 898 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.7 | 97.2 | 89.0 | 69.9 | 37.8 | 6.7 | 75.6 | 898 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.1 | 94.5 | 85.1 | 73.3 | 57.6 | 36.0 | 9.0 | 71.3 | 7179 |

USAFETAC

FORM
JUL 84

0-87-5 (OL A)

RELATIVE HUMIDITY

OCT
MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 30-02 | 100.0 | 100.0 | 99.9 | 97.6 | 91.5 | 76.1 | 55.3 | 27.4 | 7.3 | 71.3 | 929 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.8 | 95.4 | 84.3 | 64.5 | 36.1 | 10.0 | 74.7 | 929 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.2 | 95.6 | 87.3 | 68.2 | 39.7 | 10.3 | 75.7 | 930 |
| | 09-11 | 100.0 | 99.8 | 95.9 | 86.6 | 71.2 | 49.7 | 31.1 | 15.8 | 4.6 | 61.1 | 930 |
| | 12-14 | 100.0 | 97.3 | 84.4 | 61.6 | 40.9 | 27.0 | 17.6 | 9.9 | 2.7 | 49.7 | 930 |
| | 15-17 | 100.0 | 96.1 | 80.9 | 57.7 | 35.9 | 25.1 | 15.6 | 8.8 | 3.0 | 48.0 | 930 |
| | 18-20 | 100.0 | 99.9 | 95.9 | 83.1 | 62.8 | 43.0 | 26.5 | 13.8 | 3.9 | 58.6 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 95.6 | 81.9 | 61.9 | 41.2 | 19.2 | 5.1 | 66.1 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.1 | 94.6 | 85.0 | 71.9 | 56.8 | 40.0 | 21.3 | 5.9 | 63.2 | 7438 |

USAFETAC FORM 0-87-5 (OL A)

2

NOV
MONTH

STATION

STATION NAME

PERIOD

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 99.8 | 99.0 | 94.3 | 77.4 | 58.6 | 30.4 | 8.6 | 72.4 | 900 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.2 | 96.1 | 87.2 | 65.9 | 40.0 | 9.1 | 75.3 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.2 | 96.9 | 89.0 | 70.1 | 43.8 | 10.9 | 76.6 | 899 |
| | 09-11 | 100.0 | 100.0 | 99.1 | 93.1 | 82.1 | 62.9 | 40.7 | 22.1 | 6.8 | 66.4 | 900 |
| | 12-14 | 100.0 | 99.9 | 92.6 | 72.6 | 50.1 | 31.2 | 19.6 | 10.6 | 2.9 | 53.7 | 900 |
| | 15-17 | 100.0 | 99.7 | 91.7 | 70.7 | 46.9 | 30.3 | 19.0 | 10.7 | 2.3 | 51.8 | 899 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 92.0 | 75.8 | 55.0 | 32.2 | 14.3 | 4.6 | 62.9 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.3 | 88.4 | 71.4 | 45.3 | 22.3 | 6.4 | 68.8 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 97.8 | 90.5 | 78.8 | 63.1 | 43.9 | 24.3 | 6.5 | 66.1 | 7198 |

USAFETAC FORM 0-87-5 (OL A)

FORM
JUL 64

0-87-5 (OL A)

2

DEC

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|------|------|------|------|------|------|-----|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 99.9 | 99.1 | 93.9 | 80.8 | 56.8 | 28.9 | 7.0 | 72.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 99.5 | 95.6 | 84.3 | 60.8 | 30.6 | 7.1 | 73.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 99.6 | 96.8 | 86.4 | 64.6 | 31.6 | 8.4 | 74.3 | 929 |
| | 09-11 | 100.0 | 100.0 | 99.0 | 96.9 | 86.8 | 70.5 | 47.3 | 22.8 | 6.6 | 68.5 | 930 |
| | 12-14 | 100.0 | 99.4 | 94.6 | 83.3 | 67.0 | 46.2 | 28.3 | 14.1 | 4.1 | 59.1 | 930 |
| | 15-17 | 100.0 | 99.7 | 92.7 | 83.3 | 65.5 | 44.5 | 25.8 | 12.8 | 3.9 | 58.4 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.2 | 94.5 | 83.5 | 66.0 | 41.7 | 20.3 | 4.9 | 66.3 | 927 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.0 | 91.6 | 76.4 | 51.2 | 27.6 | 6.6 | 70.4 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.1 | 94.3 | 85.1 | 69.4 | 47.1 | 23.6 | 6.1 | 67.8 | 7433 |

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13923 FORBES FLD KS
STATION

STATION NAME

63-70,73-75

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 99.9 | 98.8 | 95.4 | 86.8 | 71.3 | 50.0 | 25.5 | 8.1 | 69.1 | 7439 |
| FEB | | 100.0 | 99.4 | 95.8 | 87.9 | 76.1 | 59.7 | 37.8 | 20.1 | 5.2 | 63.8 | 6764 |
| MAR | | 100.0 | 98.4 | 93.4 | 83.7 | 70.0 | 53.3 | 35.0 | 18.4 | 5.7 | 61.3 | 7438 |
| APR | | 100.0 | 98.9 | 94.0 | 84.2 | 71.2 | 55.1 | 37.8 | 22.4 | 8.0 | 62.7 | 7194 |
| MAY | | 100.0 | 99.9 | 96.7 | 89.2 | 77.2 | 61.5 | 43.7 | 25.4 | 9.8 | 66.1 | 7437 |
| JUN | | 100.0 | 100.0 | 99.4 | 95.7 | 87.1 | 73.3 | 54.1 | 32.1 | 9.8 | 70.8 | 7198 |
| JUL | | 100.0 | 99.8 | 96.7 | 89.6 | 77.2 | 60.5 | 43.2 | 25.2 | 5.5 | 65.4 | 7438 |
| AUG | | 100.0 | 100.0 | 98.0 | 92.2 | 81.8 | 67.8 | 51.6 | 33.7 | 10.2 | 69.3 | 7432 |
| SEP | | 100.0 | 100.0 | 99.1 | 94.5 | 85.1 | 73.3 | 57.6 | 36.0 | 9.0 | 71.3 | 7179 |
| OCT | | 100.0 | 99.1 | 94.6 | 85.0 | 71.9 | 56.8 | 40.0 | 21.3 | 5.9 | 63.2 | 7438 |
| NOV | | 100.0 | 100.0 | 97.8 | 90.5 | 78.8 | 63.1 | 43.9 | 24.3 | 6.5 | 66.1 | 7198 |
| DEC | | 100.0 | 99.9 | 98.1 | 94.3 | 85.1 | 69.4 | 47.1 | 23.6 | 6.1 | 67.8 | 7433 |
| TOTALS | | 100.0 | 99.6 | 96.9 | 90.2 | 79.0 | 63.8 | 45.2 | 25.7 | 7.5 | 66.4 | 87588 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

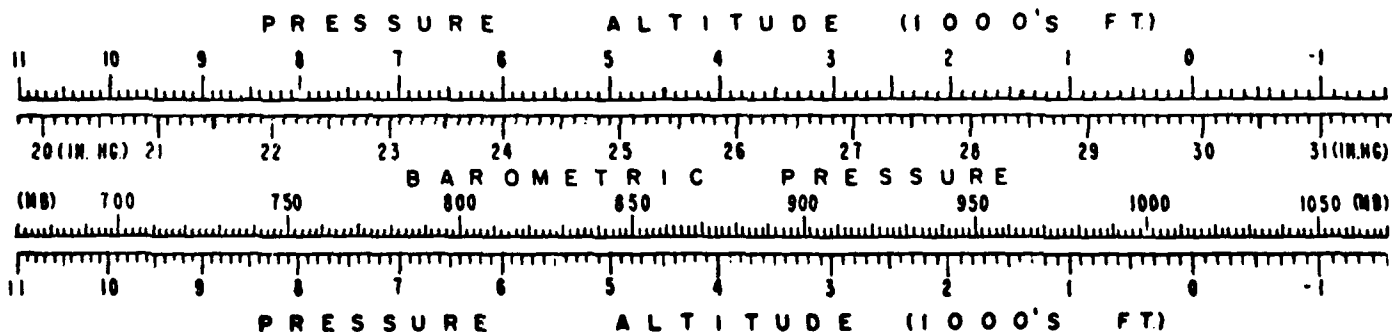
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

10920 FORBES FLD KS

63-70,73-75

| STATION | STATION NAME | YEARS | | | | | | | | | | | | |
|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 0 | MEAN | 28.945 | 28.920 | 28.862 | 28.779 | 28.799 | 28.783 | 28.842 | 28.847 | 28.876 | 28.893 | 28.902 | 28.906 | 28.863 |
| | S D | .251 | .222 | .227 | .221 | .178 | .149 | .095 | .108 | .139 | .185 | .222 | .252 | .201 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 298 | 310 | 300 | 310 | 3650 |
| 5 | MEAN | 28.961 | 28.929 | 28.847 | 28.775 | 28.794 | 28.768 | 28.839 | 28.846 | 28.872 | 28.881 | 28.894 | 28.904 | 28.860 |
| | S D | .247 | .228 | .231 | .228 | .188 | .149 | .096 | .107 | .142 | .190 | .224 | .245 | .203 |
| | TOTAL OBS | 248 | 225 | 248 | 240 | 248 | 240 | 271 | 278 | 270 | 278 | 270 | 279 | 3095 |
| 10 | MEAN | 28.935 | 28.917 | 28.859 | 28.780 | 28.811 | 28.795 | 28.854 | 28.859 | 28.887 | 28.905 | 28.898 | 28.895 | 28.866 |
| | S D | .258 | .228 | .236 | .236 | .187 | .154 | .097 | .110 | .141 | .192 | .233 | .254 | .206 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 299 | 310 | 3650 |
| 15 | MEAN | 28.982 | 28.961 | 28.879 | 28.809 | 28.832 | 28.806 | 28.877 | 28.883 | 28.910 | 28.919 | 28.924 | 28.923 | 28.893 |
| | S D | .254 | .227 | .239 | .242 | .199 | .157 | .102 | .110 | .148 | .198 | .230 | .249 | .208 |
| | TOTAL OBS | 248 | 225 | 248 | 240 | 248 | 240 | 271 | 279 | 270 | 279 | 270 | 279 | 3097 |
| 20 | MEAN | 28.953 | 28.941 | 28.873 | 28.789 | 28.816 | 28.802 | 28.862 | 28.867 | 28.896 | 28.911 | 28.912 | 28.909 | 28.877 |
| | S D | .264 | .227 | .240 | .237 | .190 | .154 | .096 | .112 | .144 | .196 | .232 | .257 | .209 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 25 | MEAN | 28.926 | 28.905 | 28.817 | 28.755 | 28.780 | 28.763 | 28.831 | 28.835 | 28.850 | 28.852 | 28.868 | 28.872 | 28.839 |
| | S D | .252 | .219 | .236 | .228 | .193 | .148 | .097 | .107 | .144 | .193 | .218 | .245 | .202 |
| | TOTAL OBS | 248 | 225 | 248 | 240 | 248 | 240 | 271 | 279 | 270 | 279 | 270 | 279 | 3097 |
| 30 | MEAN | 28.917 | 28.897 | 28.822 | 28.740 | 28.761 | 28.745 | 28.800 | 28.808 | 28.842 | 28.863 | 28.884 | 28.896 | 28.830 |
| | S D | .254 | .215 | .227 | .218 | .177 | .146 | .094 | .113 | .138 | .187 | .219 | .248 | .201 |
| | TOTAL OBS | 310 | 281 | 310 | 299 | 310 | 299 | 310 | 310 | 299 | 310 | 300 | 309 | 3647 |
| 35 | MEAN | 28.953 | 28.935 | 28.848 | 28.780 | 28.789 | 28.757 | 28.824 | 28.840 | 28.868 | 28.880 | 28.900 | 28.904 | 28.857 |
| | S D | .245 | .213 | .226 | .217 | .180 | .146 | .098 | .108 | .139 | .187 | .212 | .241 | .198 |
| | TOTAL OBS | 248 | 225 | 248 | 239 | 248 | 240 | 271 | 278 | 270 | 279 | 270 | 278 | 3094 |
| ALL HOURS | MEAN | 28.946 | 28.925 | 28.851 | 28.776 | 28.798 | 28.778 | 28.841 | 28.848 | 28.875 | 28.888 | 28.898 | 28.900 | 28.860 |
| | S D | .254 | .223 | .233 | .229 | .187 | .152 | .099 | .111 | .143 | .192 | .224 | .249 | .204 |
| | TOTAL OBS | 2232 | 2027 | 2232 | 2158 | 2232 | 2159 | 2324 | 2354 | 2276 | 2355 | 2279 | 2354 | 26982 |

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13921 FORBES FLD KS

63-70,73-75

| STATION | STATION NAME | YEARS | | | | | | | | | | | | |
|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 10 | MEAN | 1020.4 | 1019.3 | 1016.8 | 1013.2 | 1013.5 | 1012.7 | 1014.4 | 1014.7 | 1016.0 | 1017.0 | 1018.0 | 1018.7 | 1016.2 |
| | S D | 9.333 | 8.065 | 8.330 | 7.987 | 6.440 | 5.312 | 3.492 | 3.953 | 5.026 | 6.728 | 8.049 | 9.192 | 7.479 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 298 | 310 | 300 | 310 | 3650 |
| 17 | MEAN | 1020.2 | 1019.0 | 1016.3 | 1012.8 | 1013.3 | 1012.4 | 1014.2 | 1014.6 | 1015.9 | 1016.9 | 1017.6 | 1018.5 | 1016.0 |
| | S D | 9.443 | 8.262 | 8.506 | 8.289 | 6.605 | 5.390 | 3.354 | 3.992 | 5.053 | 6.878 | 8.302 | 9.236 | 7.612 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 299 | 309 | 300 | 310 | 3649 |
| 16 | MEAN | 1020.1 | 1019.2 | 1016.7 | 1013.4 | 1014.0 | 1013.1 | 1014.9 | 1015.2 | 1016.5 | 1017.6 | 1017.9 | 1018.5 | 1016.4 |
| | S D | 9.548 | 8.313 | 8.647 | 8.553 | 6.765 | 5.494 | 3.463 | 3.993 | 5.119 | 6.977 | 8.481 | 9.151 | 7.631 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 299 | 309 | 3649 |
| 19 | MEAN | 1021.1 | 1020.2 | 1017.7 | 1014.1 | 1014.7 | 1013.8 | 1015.7 | 1015.9 | 1017.3 | 1018.4 | 1018.9 | 1019.4 | 1017.3 |
| | S D | 9.683 | 8.298 | 8.738 | 8.683 | 6.935 | 5.630 | 3.487 | 4.104 | 5.291 | 7.170 | 8.493 | 9.313 | 7.764 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 295 | 310 | 300 | 310 | 3647 |
| 12 | MEAN | 1020.7 | 1020.0 | 1017.2 | 1013.6 | 1014.1 | 1013.3 | 1015.1 | 1015.4 | 1016.7 | 1017.6 | 1018.3 | 1018.8 | 1016.7 |
| | S D | 9.739 | 8.263 | 8.775 | 8.564 | 6.861 | 5.518 | 3.430 | 4.084 | 5.191 | 7.129 | 8.375 | 9.348 | 7.736 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 300 | 310 | 300 | 310 | 3651 |
| 15 | MEAN | 1018.9 | 1018.0 | 1015.4 | 1012.2 | 1012.8 | 1012.2 | 1014.0 | 1014.2 | 1015.1 | 1015.9 | 1016.8 | 1017.4 | 1015.2 |
| | S D | 9.652 | 8.062 | 8.489 | 8.212 | 6.737 | 5.330 | 3.350 | 4.050 | 5.094 | 6.942 | 8.158 | 9.200 | 7.517 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 309 | 300 | 310 | 299 | 310 | 3650 |
| 18 | MEAN | 1019.5 | 1018.4 | 1015.4 | 1011.9 | 1012.2 | 1011.4 | 1013.0 | 1013.4 | 1014.9 | 1016.1 | 1017.4 | 1018.1 | 1015.1 |
| | S D | 9.399 | 7.888 | 8.312 | 7.897 | 6.388 | 5.238 | 3.447 | 4.095 | 5.005 | 6.800 | 7.952 | 9.064 | 7.519 |
| | TOTAL OBS | 310 | 281 | 310 | 299 | 310 | 299 | 310 | 310 | 299 | 310 | 300 | 309 | 3647 |
| 11 | MEAN | 1020.1 | 1019.2 | 1016.5 | 1013.1 | 1013.2 | 1012.0 | 1013.7 | 1014.4 | 1015.8 | 1016.9 | 1018.1 | 1018.7 | 1016.0 |
| | S D | 9.350 | 7.925 | 8.222 | 7.858 | 6.318 | 5.233 | 3.497 | 4.020 | 4.990 | 6.788 | 7.942 | 9.113 | 7.472 |
| | TOTAL OBS | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 309 | 298 | 310 | 300 | 309 | 3647 |
| ALL HOURS | MEAN | 1020.1 | 1019.2 | 1016.5 | 1013.0 | 1013.5 | 1012.6 | 1014.4 | 1014.7 | 1016.0 | 1017.0 | 1017.9 | 1018.5 | 1016.1 |
| | S D | 9.527 | 8.152 | 8.525 | 8.277 | 6.665 | 5.437 | 3.528 | 4.098 | 5.144 | 6.961 | 8.230 | 9.205 | 7.621 |
| | TOTAL OBS | 2480 | 2255 | 2480 | 2398 | 2480 | 2399 | 2480 | 2476 | 2388 | 2479 | 2398 | 2477 | 29190 |

END

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